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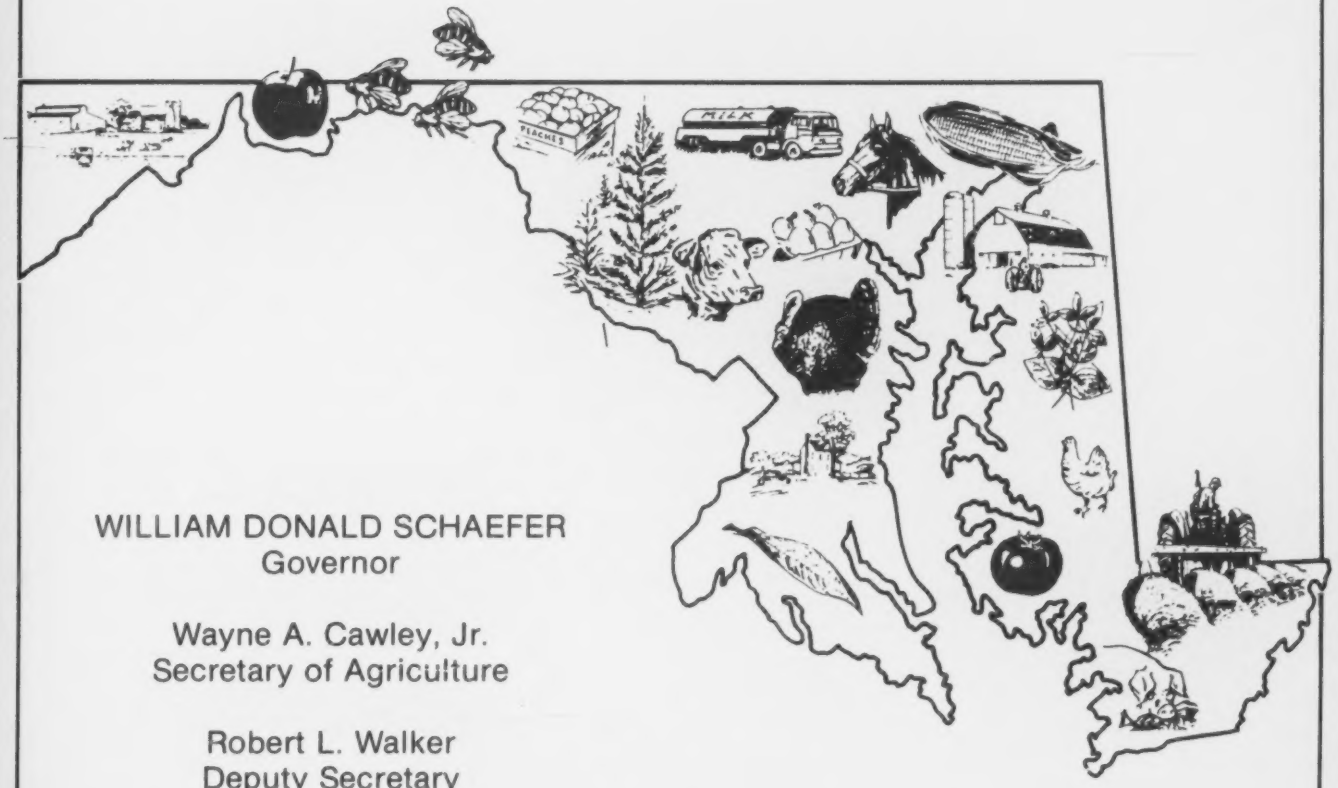
MARYLAND AGRICULTURAL STATISTICS

Summary for 1989



WILLIAM DONALD SCHAEFER
Governor

Wayne A. Cawley, Jr.
Secretary of Agriculture

Robert L. Walker
Deputy Secretary

Once again, the 1989 edition of Maryland Agricultural Statistics demonstrates the importance of agriculture to the economy of our state. These statistics chronicle in factual terms the current state of all facets of Maryland's agricultural industry. In addition, they are an invaluable tool for comparing present trends with past conditions. This information is essential in order for both decision-makers and farmers to make informed decisions that will effect agriculture in the future.

On behalf of Governor William Donald Schaefer and all Maryland farmers, I thank the dedicated staff who worked hard to compile the information for this important report.

Wayne A. Cawley, Jr.
Secretary

MARYLAND AGRICULTURAL STATISTICS
SUMMARY FOR 1989

Issued Cooperatively By

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MDA 113-90

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FOREWORD

This annual "Maryland Agricultural Statistics" is a summary of the major series of agricultural statistics compiled by the Maryland Agricultural Statistics Service. These series include data on crop production, livestock and poultry numbers, production, prices, income and many other facets of agriculture. This publication provides county data for the past two years.

In this issue statistics relating to the new industry of aquaculture are included for the first time.

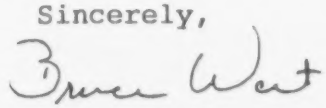
A special thank you is extended to the many Maryland farmers and business people who voluntarily provided the essential raw data to develop these estimates. Without their cooperation, this information would not be available. These estimates provide the groundwork for successful planning and decision making in all phases of agriculture and related industries.

"Maryland Agricultural Statistics" is published cooperatively by the Maryland Department of Agriculture and the National Agricultural Statistics Service of the United States Department of Agriculture.

Special recognition is due to the office staff for preparing the tables presented, particularly to May Rhoten for typing the tables and text for printing and Carroll Homann for data assembly.

Finally, I would like to thank the data collection specialists who talked with Maryland farmers to collect much of our data. These field and telephone supervisors and enumerators - employees of the National Association of State Departments of Agriculture - continue to represent the Maryland Agricultural Statistics Service in a very professional manner.

Sincerely,



M. Bruce West
State Statistician

Agriculture In Maryland

Farm income in Maryland for 1989 amounted to $402.6 million after expenses. Cash receipts totaled $1,346.4 million. Farm income, other than cash receipts, amounted to $150.1 million. Farm production expenses totaled $1,093.9 million. Income from broilers at a record $448.90 million increased 13 percent from the $396.14 million in 1988. Record production and price combined for a record value to broiler producers. Cash receipts for 1989 were mixed when compared with 1988 with increases outweighing declines.

Farm numbers declined from 16,000 in 1988 to 15,600 for 1989. The acreage of land in farms at 2,300,000 acres declined 50,000 acres from the 2,350,000 acres in farms in 1988. The average value of land and buildings for 1989 at $2,487 per acre and the average value per operating unit at $366,688 were both up 10 percent from the $2,261 and $332,084 for 1988.

Timely rains helped the 1989 corn crop bounce back after 3 bad years. Grain corn yielded an average 110 bushels per acre for the 1989 crop, 45 bushels above the 65 bushel yield for 1988, but 8 bushels below the record 118 bushels for the 1984 crop. Grain corn production totaled 44 million bushels, 63 percent above the 27 million bushels produced in 1988.

The average soybean yield at 30 bushels per acre was one bushel below last year's 31 bushel average. The record yield for Maryland soybeans is 32 bushels per acre for the 1978 and 1985 crops. Soybean production at a record 16.50 million bushels was 17 percent above the previous record 14.11 million bushels harvested in 1988. Soybean acreage at 570,000 planted and 550,000 harvested acres were also at record levels.

Small grains wintered well with temperatures for December 1988 - March 1989 2.7 degrees above normal with precipitation 1.12 inch above normal. Spring rainfall, April - July 1989 was 9.64 inches above normal but temperatures were 0.4 degree below normal. Winter wheat and barley yields at 40 and 50 bushels respectively were 13 and 19 bushels below the record yields of 53 and 69 bushels for the 1988 crops. Oat yield averaged 55 bushels per acre compared with a 52 bushel average for 1987 and 1988. Rye yielded an average 27 bushels per acre for 1989 compared to the 29 bushel average for 1988. Tobacco production for the 1989 crop totaled 8,103,000 pounds, the smallest crop on record with statistics gathered since 1866.

Broiler production for 1989 at 1.108 billion pounds was up 2 percent from the previous year's production of 1.085 billion pounds. Maryland produced 257,776,000 broilers in 1989 compared with 252,400,000 produced in 1988.

Milk production for 1989 at 1.377 billion pounds was down 5 percent from the 1.443 billion pounds for 1988.

MARYLAND HIGHLIGHTS

	1989		1989
Number Of Farms	15,600	Gross Farm Income	1,496,600,000
Average Size Farm	147 Acres	Farm Prod. Expenses	1,093,900,000
Land in Farms	2,300,000 Acres	Total Net Farm Income	402,700,000
		Gross Farm Income Per Farm	95,936
		Net Farm Income Per Farm	25,814

Livestock And Products

Commodity	Inventory	Marketings		Cash Receipts 1/
		1989		1989
Broilers	---	1,108,394,000	Lb	448,899,000
Milk	---	1,377,000,000	Lb	197,841,000
Cattle And Calves (Jan. 1, 1990)	315,000	115,500,000	Lb	76,234,000
Hogs	180,000	53,408,000	Lb	23,260,000
Eggs	---	965,000,000		57,980,000
Farm Chickens	---	------	Eggs	3,063,000
Turkeys	---	1,815,000	Lb	1,701,000
Sheep and Lambs	---	2,258,000	Lb	1,329,000
Wool	---	220,000	Lb	165,000
Other Livestock	---	------		60,105,000
Total	---	------		$870,577,000

Crops And Products

Commodity	Acres Harvested	Production		Cash Receipts
	1989	1989		1989
Corn For Grain	400,000	44,000,000	Bu	67,778,000
Soybeans	550,000	16,500,000	Bu	93,785,000
Tobacco	7,300	8,103,000	Lb	20,705,000
Wheat	215,000	8,600,000	Bu	30,451,000
Hay	----	629,000	Ton	15,692,000
Barley	80,000	4,000,000	Bu	6,721,000
Rye	8,000	216,000	Lb	355,000
Oats	24,000	1,320,000	Bu	383,000
Other Field Crops	----	-----		1,315,000
Tomatoes	----	-----		9,091,000
Potatoes	1,800	315,000	Cwt	3,305,000
Sweet Corn 2/	----	-----		1,767,000
Cucumbers 2/	----	-----		2,460,000
Sweet Potatoes	500	80,000	Cwt	1,819,000
Other Vegetables	----	-----		31,557,000
Apples	----	37,000,000	Lb	7,554,000
Peaches	----	7,600,000	Lb	2,128,000
Other Fruits & Nuts	----	-----		3,975,000
Greenhouse & Nursery	----	-----		173,987,000
Forest Products	----	-----		22,000,000
Mushrooms	----	2,056,000	Lb	1,583,000
Total 3/				476,441,000
All Commodities 4/				$1,368,988,000

1/ Preliminary estimates by the Economic Research Service, USDA.
2/ Processing only.
3/ Total does not include forest products.
4/ All commodities total includes forest products.

Counties Ranked By Production, 1989

Commodity	1	2	3	4	5	6	7
Corn grain	Kent	Queen Anne's	Carroll	Worcester	Frederick	Baltimore	Harford
Soybeans	Dorchester	Caroline	Queen Anne's	Wicomico	Talbot	Worcester	Kent
Barley	Caroline	Dorchester	Queen Anne's	Carroll	Frederick	Washington	Howard
Wheat	Caroline	Dorchester	Queen Anne's	Talbot	Frederick	Kent	Carroll
Tobacco	St. Mary's	Charles	Calvert	Pr. George's	A. Arundel	--	--
All Hay	Frederick	Carroll	Washington	Garrett	Harford	Baltimore	Montgomery
Milk	Frederick	Washington	Carroll	Harford	Garrett	Cecil	Kent

Crops Review

General

Maryland's farmers experienced above normal precipitation but slightly below normal temperatures during calendar year 1989. There was above normal precipitation for February, March, May, June, July, September, and October and below normal for the remaining months. Small grains wintered well, but May, June, and July heavy rainfall took its toll on yields of wheat, barley and rye. Soybean acreage harvested in 1989, at a record 550,000 acres, was 21 percent above the previous 455,000 acres harvested in 1988. Winter temperatures (December 1988-March 1989) averaged 2.5 degrees above normal. Spring weather averaged 1.3 degree below normal with 2.32 inches of precipitation above normal. Planting of spring crops got off to a slow start due to the extreme wet weather in May, June and even into July. Crops were planted mostly between heavy showers.

Corn

Corn for grain production totaled 44.0 million bushels, up 61 percent from the drought year of 1988. Corn yielded an average 110 bushels per acre, 8 bushels below the record 118 bushel average for the 1984 crop and 45 bushels above the 65 bushel average for the 1988 crop. The area of corn harvested at 400,000 acres is 5 percent, 20,000 acres less than the 420,000 acres harvested in 1988. Corn silage production totaled 1.20 million tons, 26 percent more than 1988's production of 950,000 tons. Acreage of corn harvested for silage at 75,000 acres is 20,000 acres less than the 95,000 acres harvested in 1988. Corn silage yielded 16 tons per acre, 6 tons above the 10 ton average for 1988.

Soybeans

Both soybean acreage and production hit record levels in 1989. Soybean production for 1989 totaled a record 16.5 million bushels, 16 percent above the previous record 14.1 million bushels produced in 1988. Soybean acreage harvested, at 550,000 acres, was also at a record level, 95,000 acres more than the previous record of 455,000 in 1988. Soybeans yielded an average 30 bushels per acre, one bushel below 1988's yield.

Tobacco

Maryland tobacco growers produced 13.76 million pounds of tobacco in 1989, 28 percent below 1988's 19.21 million pound production. Tobacco acreage at 7,300 acres was at a record low level again this year.

Small Grains

Winter wheat production in Maryland during 1989 totaled 8.60 million bushels, 5 percent below the 1988 production of 9.01 million bushels. The 1989 wheat crop yielded an average of 40 bushels per acre compared with a 53 bushel average for 1988. Winter wheat area harvested was 215,000 acres. Barley production amounted to 4 million bushels, 16 percent below the 4.76 million bushels produced in 1988. Barley was harvested from 80,000 acres in 1989. Oat production for 1989 totaled 1.32 million bushels, 49 percent above the 0.88 million bushels. Oats yielded 55 bushels per acre, 3 bushels more than in 1988. Rye output totaled 216,000 bushels, 26 percent below the 1988 production of 290,000 bushels. The 1989 rye crop averaged 27 bushels per acre, 2 bushels below the 1988 yield of 29 bushels. Rye was harvested from 8,000 acres in 1989.

Vegetables

Maryland farmers harvested 44,150 acres of vegetables in 1989, down 2 percent from the 44,830 acres harvested in 1988. Fresh market vegetable acreage at 28,185 acres harvested, increased 6 percent, 1,535 acres, from 1988's 26,650 acres harvested. Processing vegetables were harvested from 15,965 acres, down 12 percent from the 18,180 acres harvested in 1988. Sweet corn was harvested from 4,600 acres in 1989 compared with 6,800 acres for 1988. Tomatoes were harvested from 970 acres in 1989 compared with 2,700 acres in 1988, and other vegetable acreage harvested was 10,395 acres, an increase of 20 percent from the 8,680 acres harvested in 1988.

Crops : Acreage, Yield, Production And Value, Maryland 1984 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Corn, All	1984	685	684	--	--	--	--	--
	1985	745	744	--	--	--	--	--
	1986	700	N/A	--	--	--	--	--
	1987	560	N/A	--	--	--	--	--
	1988	520	N/A	--	--	--	--	--
	1989	480	N/A	--	--	--	--	--
Corn, For Grain	1984	--	590	Bu	118.0	69,620	2.93	203,987
	1985	--	640	Bu	110.0	70,400	2.43	171,072
	1986	--	580	Bu	73.0	42,340	1.81	76,635
	1987	--	460	Bu	78.0	35,880	2.15	77,142
	1988	--	420	Bu	65.0	27,300	3.02	82,446
	1989	--	400	Bu	110.0	44,000	2.65	116,600
Corn, Silage	1984	--	92	Ton	16.0	1,472	22.50	33,120
	1985	--	102	Ton	15.0	1,530	16.00	24,480
	1986	--	115	Ton	9.0	1,035	24.00	24,840
	1987	--	95	Ton	12.0	1,140	20.00	22,800
	1988	--	95	Ton	10.0	950	--	--
	1989	--	75	Ton	16.0	1,200	--	--
Wheat, Winter	1984	147	140	Bu	43.0	6,020	3.33	20,047
	1985	140	133	Bu	49.0	6,517	2.91	18,964
	1986	160	145	Bu	47.0	6,815	2.48	16,901
	1987	165	155	Bu	49.0	7,595	2.55	19,367
	1988	180	170	Bu	53.0	9,010	3.65	32,887
	1989	230	215	Bu	40.0	8,600	3.55	30,530
Oats	1984	18	15	Bu	57.0	855	2.03	1,736
	1985	17	15	Bu	60.0	900	1.36	1,224
	1986	19	15	Bu	55.0	825	1.07	883
	1987	19	16	Bu	56.0	896	1.30	1,165
	1988	20	17	Bu	52.0	884	2.29	2,024
	1989	28	24	Bu	55.0	1,320	1.60	2,112
Soybeans	1984	435	425	Bu	29.0	12,325	5.88	72,471
	1985	410	400	Bu	32.0	12,800	5.01	64,128
	1986	400	390	Bu	27.0	10,530	4.84	50,965
	1987	420	410	Bu	22.5	9,225	5.90	54,428
	1988	465	455	Bu	31.0	14,105	7.57	106,775
	1989	570	550	Bu	30.0	16,500	5.55	91,575
Barley	1984	108	95	Bu	58.0	5,510	2.23	12,287
	1985	103	96	Bu	57.0	5,472	1.51	8,263
	1986	90	82	Bu	60.0	4,920	1.35	6,642
	1987	90	79	Bu	63.0	4,977	1.24	6,971
	1988	80	69	Bu	69.0	4,761	1.91	9,094
	1989	90	80	Bu	50.0	4,000	2.00	8,000
Rye	1984	55	7	Bu	32.0	224	2.12	475
	1985	45	6	Bu	33.0	198	2.10	416
	1986	46	9	Bu	33.0	297	1.62	481
	1987	55	8	Bu	31.0	248	1.75	434
	1988	58	10	Bu	29.0	290	2.01	583
	1989	40	8	Bu	27.0	216	2.85	616
Tobacco	1984	--	23.0	Lb	1,320	30,360	1.399	42,474
	1985	--	20.0	Lb	1,330	26,600	1.323	35,192
	1986	--	16.0	Lb	1,320	21,120	1.179	24,900
	1987	--	11.7	Lb	1,140	13,338	1.249	16,659
	1988	--	9.0	Lb	1,330	11,970	1.605	19,212
	1989	--	7.3	Lb	1,110	8,103	1.698	13,759

Crops: Acreage, Yield, Production And Value, Maryland, 1984 - 1989 -- Continued

Crop	Year	Acreage		Unit	Production		Season Average Price	Value Of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Potatoes, Summer	1984	1.6	1.6	Cwt	185	296	11.10	3,286
	1985	1.6	1.6	Cwt	200	320	7.80	2,496
	1986	1.7	1.6	Cwt	170	272	6.80	1,850
	1987	2.5	2.5	Cwt	200	500	6.85	3,425
	1988	2.3	2.3	Cwt	200	460	7.65	3,519
	1989	2.1	1.8	Cwt	175	315	10.20	3,213
Sweet Potatoes	1984	1.1	1.1	Cwt	160	176	11.30	1,989
	1985	1.1	1.1	Cwt	165	182	9.50	1,729
	1986	1.0	0.9	Cwt	130	117	9.75	1,141
	1987	0.8	0.8	Cwt	140	112	11.50	1,288
	1988	0.9	0.9	Cwt	150	135	16.40	2,214
	1989	0.6	0.5	Cwt	160	80	19.40	1,552
Hay, All	1984	--	230	Ton	2.76	634	94.00	59,596
	1985	--	230	Ton	2.89	664	84.50	56,108
	1986	--	225	Ton	2.26	509	116.00	59,044
	1987	--	255	Ton	2.62	668	96.00	64,128
	1988	--	245	Ton	2.71	663	100.00	66,300
	1989	--	240	Ton	2.62	629	91.00	57,239
Hay, Alfalfa	1984	--	80	Ton	3.70	296	--	--
	1985	--	75	Ton	4.00	300	--	--
	1986	--	80	Ton	3.10	248	--	--
	1987	--	85	Ton	3.75	319	--	--
	1988	--	80	Ton	3.75	300	--	--
	1989	--	85	Ton	3.75	319	--	--
Hay, All Other	1984	--	150	Ton	2.25	338	--	--
	1985	--	155	Ton	2.35	364	--	--
	1986	--	145	Ton	1.80	261	--	--
	1987	--	170	Ton	2.05	349	--	--
	1988	--	165	Ton	2.20	363	--	--
	1989	--	155	Ton	2.00	310	--	--
Vegetables, Fresh Market 1/	1984	26.0	24.9	Cwt	--	--	--	--
	1985	26.8	25.9	Cwt	--	--	--	--
	1986	28.1	27.4	Cwt	--	--	--	--
	1987	29.5	28.7	Cwt	--	--	--	--
	1988	27.8	26.7	Cwt	--	--	--	--
	1989	29.2	28.0	Cwt	--	--	--	--
Vegetables, Processing 2/	1984	23.5	22.5	Ton	--	--	--	--
	1985	22.0	21.6	Ton	--	--	--	--
	1986	18.8	18.3	Ton	--	--	--	--
	1987	15.9	15.5	Ton	--	--	--	--
	1988	19.0	18.2	Ton	--	--	--	--
	1989	16.2	16.0	Ton	--	--	--	--
Apples 3/	1984	--	--	Lb	--	80,000	.114	9,135
	1985	--	--	Lb	--	76,000	.102	7,764
	1986	--	--	Lb	--	85,000	.113	9,641
	1987	--	--	Lb	--	38,000	.103	3,930
	1988	--	--	Lb	--	52,000	.122	6,344
	1989	--	--	Lb	--	37,000	.112	4,147
Peaches 3/	1984	--	--	Lb	--	18,000	.193	3,472
	1985	--	--	Lb	--	1,000	.262	262
	1986	--	--	Lb	--	20,000	.204	4,088
	1987	--	--	Lb	--	9,000	.154	1,385
	1988	--	--	Lb	--	9,800	.189	1,850
	1989	--	--	Lb	--	7,600	280	2,128

1/ Vegetables included: lima beans, snap beans, sweet corn, cucumbers, green peas, tomatoes, spinach, sweet peppers, hot peppers, strawberries, greens, squash, kale, pumpkins, turnips, broccoli, beets, cabbage, eggplant, cauliflower, asparagus, okra, cantaloupes, watermelon.

2/ Vegetables include: cucumber, sweet corn, tomatoes, snap beans, lima beans, green peas, hot peppers, sweet peppers, and sweet potatoes.

3/ Production and value are for utilized production.

Crops: Acreage, Yield, Production And Value, United States, 1984 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value 1/ of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Corn, All	1984	80,517	---	---	---	---	---	---
	1985	83,398	---	---	---	---	---	---
	1986	76,580	---	---	---	---	---	---
	1987	66,200	---	---	---	---	---	---
	1988	67,717	---	---	---	---	---	---
	1989	72,296	---	---	---	---	---	---
Corn, For Grain	1984	---	71,897	Bu	106.7	7,672,130	2.62	20,084,595
	1985	---	75,209	Bu	118.0	8,875,453	2.23	19,521,975
	1986	---	68,907	Bu	119.4	8,225,764	1.50	12,541,426
	1987	---	59,505	Bu	119.8	7,131,300	1.94	14,107,705
	1988	---	58,250	Bu	84.6	4,928,681	2.54	12,661,362
	1989		64,781	Bu	116.2	7,527,152	2.33	17,477,097
Corn, Silage	1984	---	7,535	Ton	13.9	104,491	---	---
	1985	---	7,155	Ton	14.3	102,664	---	---
	1986	---	6,418	Ton	14.1	90,227	---	---
	1987	---	5,994	Ton	14.4	86,442	---	---
	1988	---	8,294	Ton	9.5	78,791	---	---
	1989		6,606	Ton	13.1	86,243		
Wheat, Winter	1984	63,419	51,513	Bu	40.0	2,060,266	3.33	6,861,900
	1985	57,712	47,923	Bu	38.1	1,826,625	2.98	5,429,571
	1986	53,895	43,170	Bu	35.2	1,520,433	2.23	3,583,338
	1987	48,806	39,332	Bu	39.8	1,565,381	2.49	3,962,170
	1988	48,800	39,800	Bu	39.2	1,561,910	3.65	5,684,359
	1989	55,091	41,469	Bu	35.1	1,453,842	3.77	5,443,576
Oats	1984	12,414	8,163	Bu	58.0	473,661	1.69	797,854
	1985	13,235	8,147	Bu	63.6	518,490	1.24	649,229
	1986	14,671	6,840	Bu	56.3	384,996	1.16	431,626
	1987	17,907	6,888	Bu	54.3	373,713	1.56	605,599
	1988	13,910	5,533	Bu	39.3	217,600	2.61	532,621
	1989	12,080	6,874	Bu	54.4	373,778	1.48	550,026
Soybeans	1984	67,755	66,113	Bu	28.1	1,860,863	5.78	10,748,050
	1985	63,145	61,599	Bu	34.1	2,099,056	5.05	10,581,042
	1986	60,405	58,312	Bu	33.3	1,942,558	4.78	9,262,746
	1987	58,180	57,172	Bu	33.9	1,937,722	5.88	11,391,000
	1988	58,840	57,373	Bu	27.0	1,548,841	7.42	11,487,742
	1989	60,670	59,388	Bu	32.4	1,926,806	5.60	10,728,045
Barley	1984	11,934	11,218	Bu	53.3	598,034	2.26	1,356,316
	1985	13,139	11,591	Bu	50.9	590,213	1.98	1,132,537
	1986	13,124	11,974	Bu	50.8	608,532	1.61	993,905
	1987	10,929	9,957	Bu	52.4	521,499	1.81	967,008
	1988	9,831	7,636	Bu	38.0	289,994	2.80	775,229
	1989	9,175	8,303	Bu	48.6	403,443	2.40	959,315
Rye	1984	2,971	979	Bu	33.1	32,407	2.08	41,902
	1985	2,543	708	Bu	28.8	20,373	2.03	29,159
	1986	2,334	661	Bu	28.8	19,067	1.49	32,289
	1987	2,428	671	Bu	29.1	19,526	1.63	31,641
	1988	2,374	595	Bu	24.7	14,689	2.52	37,006
	1989	2,014	479	Bu	28.1	13,482	2.10	28,282
Tobacco 2/	1984	--	343.0	Lb	2,187	750,309	1.848	1,386,520
	1985	--	278.6	Lb	2,176	606,221	1.578	956,568
	1986	--	230.1	Lb	1.893	435,672	1.533	667,788
	1987	--	231.6	Lb	1,900	440,107	1.541	678,396
	1988	--	238.9	Lb	2,075	495,653	1.607	796,327
	1989	--	264.4	Lb	2,056	543,557	-----	-------

1/ U.S. average prices and values per unit computed by weighting state prices by estimated sales.
2/ Light air cured types 31 and 32.

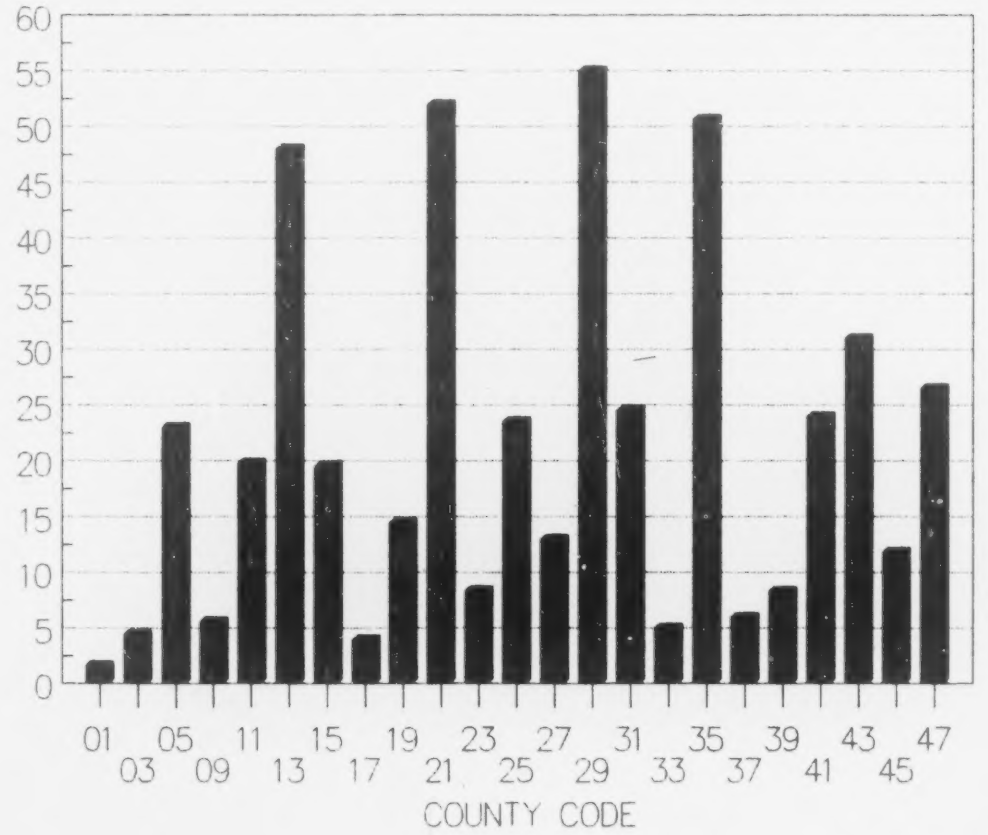
Crops: Acreage, Yield, Production And Value, United States, 1984 - 1989 .. Continued

Crop	Year	Acreage		Unit	Production		Season Average Price	Value Of Production 1/
		Planted	Harvested		Per Acre	Total		
		Thous. Acres			Units	Thous.	Dollars Per Unit	Thous. Dollars
Potatoes, Summer	1984	109.5	105.2	Cwt	216	22,741	9.17	206,789
	1985	115.2	111.5	Cwt	245	27,294	4.86	132,717
	1986	99.8	94.0	Cwt	220	20,698	7.02	144,666
	1987	103.5	100.5	Cwt	227	22,833	6.32	143,569
	1988	96.4	91.8	Cwt	220	20,154	7.55	151,451
	1989	96.9	93.2	Cwt	236	22,002	---	----
Sweet Potatoes	1984	105.8	102.9	Cwt	125	12,902	14.00	182,191
	1985	108.2	103.3	Cwt	141	14,573	8.81	130,450
	1986	94.5	90.8	Cwt	136	12,368	10.90	138,551
	1987	92.3	88.9	Cwt	131	11,611	11.60	133,512
	1988	89.1	85.5	Cwt	128	10,945	12.90	141,202
	1989	89.5	86.0	Cwt	132	11,358	16.00	185,130
Hay, All	1984	---	61,414	Ton	2.45	150,582	72.70	10,203,921
	1985	---	60,461	Ton	2.46	148,719	67.60	9,437,282
	1986	---	62,334	Ton	2.49	155,385	59.70	8,610,996
	1987	---	60,133	Ton	2.45	147,457	65.00	8,845,395
	1988	---	65,055	Ton	1.94	126,010	85.20	10,457,326
	1989	---	63,395	Ton	2.29	145,445	87.50	11,778,477
Hay, Alfalfa	1984	---	26,818	Ton	3.36	90,144	---	---
	1985	---	25,647	Ton	3.32	85,121	---	---
	1986	---	26,911	Ton	3.41	91,865	---	---
	1987	---	25,435	Ton	3.31	84,225	---	---
	1988	---	26,750	Ton	2.59	69,304	---	---
	1989		25,939	Ton	2.98	77,208	---	---
Hay, All Other	1984	---	34,596	Ton	1.75	60,438	---	---
	1985	---	34,814	Ton	1.83	63,598	---	---
	1986	---	35,423	Ton	1.79	63,520	---	---
	1987	---	34,698	Ton	1.82	63,232	---	---
	1988	---	38,305	Ton	1.48	56,706	---	---
	1989		37,456	Ton	1.82	68,237	---	---
Vegetables 1/	1984	2,543	2,442	Ton	---	22,817	---	4,118,014
	1985	2,551	2,463	Ton	---	22,652	---	3,950,708
	1986	2,419	2,309	Ton	---	22,426	---	4,149,300
	1987	2,534	2,435	Ton	---	23,919	---	4,572,102
	1988	2,568	2,470	Ton	---	23,511	---	4,775,797
	1989	2,739	2,620	Ton	---	27,210	---	5,422,638
Apples 1/ 2/	1984	---	---	Lb	---	8,309,100	.111	925,579
	1985	---	---	Lb	---	7,826,800	.117	914,308
	1986	---	---	Lb	---	7,833,300	.134	1,046,842
	1987	---	---	Lb	---	10,451,300	.086	903,059
	1988	---	---	Lb	---	9,017,900	.126	1,144,287
	1989							
Peaches	1984	---	---	Lb	---	2,468,900	.126	311,177
	1985	---	---	Lb	---	2,047,200	.144	293,784
	1986	---	---	Lb	---	2,218,100	.140	310,805
	1987	---	---	Lb	---	2,238,900	.138	308,970
	1988	---	---	Lb	---	2,448,500	.156	382,127
	1989	---	---	Lb	---	2,210,400	.163	360,377
Total Principal Crops	1984	345,020	334,646	---	---	---	---	79,394,649
	1985	343,981	330,010	---	---	---	---	76,667,221
	1986	327,008	311,240	---	---	---	---	58,011,256
	1987	304,945	289,422	---	---	---	---	66,366,715
	1988	308,170	289,846	---	---	---	---	70,345,631
	1989	317,188	305,641	---	---	---	---	76,967,041

1/ Commercial crops for fresh market and processing combined. Years are not comparable because of changes in estimating program.
2/ Production and value are for utilized production.

MARYLAND

CORN: ACRES PLANTED, 1989



COUNTIES

COUNTY	CODE
ALLEGANY	01
ANNE ARUNDEL	03
BALTIMORE	05
CALVERT	09
CAROLINE	11
CARROLL	13
CECIL	15
CHARLES	17
DORCHESTER	19
FREDERICK	21
GARRETT	23
HARFORD	25
HOWARD	27
KENT	29
MONTGOMERY	31
PRINCE GEORGE'S	33
QUEEN ANNE'S	35
ST. MARY'S	37
SOMERSET	39
TALBOT	41
WASHINGTON	43
WICOMICO	45
WORCESTER	47

Corn For Grain: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1988 - 1989

State And County	1988				1989			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	2,000	900	46	41,000	1,600	700	100	70,000
Garrett	10,000	5,000	47	235,000	8,400	4,300	115	495,000
WESTERN	12,000	5,900	46.8	276,000	10,000	5,000	113.0	565,000
Baltimore	24,500	22,800	71	1,619,000	23,000	21,200	118	2,502,000
Carroll	52,500	34,800	69	2,396,000	48,000	34,600	117	4,048,000
Frederick	56,000	27,500	68	1,870,000	52,000	26,600	109	2,899,000
Harford	27,300	23,000	71	1,633,000	23,500	21,000	114	2,394,000
Howard	13,900	10,500	68	714,000	13,000	11,500	119	1,369,000
Montgomery	27,800	21,900	68	1,489,000	24,500	20,800	110	2,288,000
Washington	34,000	22,500	58	1,305,000	31,000	20,500	105	2,153,000
NORTH CENTRAL	236,000	163,000	67.6	11,026,000	215,000	156,200	113.0	17,653,000
Anne Arundel	5,000	4,700	58	273,000	4,400	3,700	108	400,000
Calvert	6,100	5,800	54	313,000	5,600	5,400	85	459,000
Charles	4,800	4,600	55	253,000	4,000	3,800	86	327,000
Prince George's	6,000	5,700	57	325,000	5,000	4,800	88	422,000
St. Mary's	6,100	5,800	48	278,000	6,000	5,800	89	516,000
SOUTHERN	28,000	26,600	54.2	1,442,000	25,000	23,500	90.4	2,124,000
West Of Bay	276,000	195,500	65.2	12,744,000	250,000	184,700	110.1	20,342,000
Caroline	22,000	18,700	56	1,047,000	19,800	17,700	108	1,912,000
Cecil	19,000	16,000	57	912,000	19,500	16,000	107	1,712,000
Kent	60,500	54,800	55	3,014,000	55,000	51,000	108	5,508,000
Queen Anne's	55,100	51,400	56	2,878,000	50,700	48,700	110	5,345,000
Talbot	24,400	22,900	55	1,260,000	24,000	22,800	109	2,485,000
NORTHERN EASTERN SHORE	181,000	163,800	55.6	9,111,000	169,000	156,200	108.6	16,962,000
Dorchester	18,000	17,500	85	1,488,000	14,400	13,900	113	1,570,000
Somerset	7,500	6,800	89	605,000	8,300	8,000	115	920,000
Wicomico	11,400	11,000	90	990,000	11,800	11,400	111	1,265,000
Worcester	26,100	25,400	93	2,362,000	26,500	25,800	114	2,941,000
SOUTHERN EASTERN SHORE	63,000	60,700	89.7	5,445,000	61,000	59,100	113.3	6,696,000
East Of Bay	244,000	224,500	65	14,556,000	230,000	215,300	110	23,658,000
STATE	520,000	420,000	65.0	27,300,000	480,000	400,000	110.0	44,000,000
DELAWARE								
New Castle	46,500	43,000	64	2,752,000	44,000	41,500	99	4,109,000
Kent	43,500	40,000	72	2,887,000	39,500	36,700	97	3,560,000
Sussex	60,000	57,000	73	4,161,000	56,500	54,800	103	5,631,000
STATE	150,000	140,000	70.0	9,800,000	140,000	133,000	100.0	13,300,000
VIRGINIA (Eastern Shore)								
Accomack	5,200	5,000	105.0	525,000	5,000	4,900	121.0	592,900
Northampton 1/	---	---	---	---	---	---	---	---
DELMARVA 2/	399,200	369,500	67.3	24,881,000	375,000	353,200	106.3	37,550,900

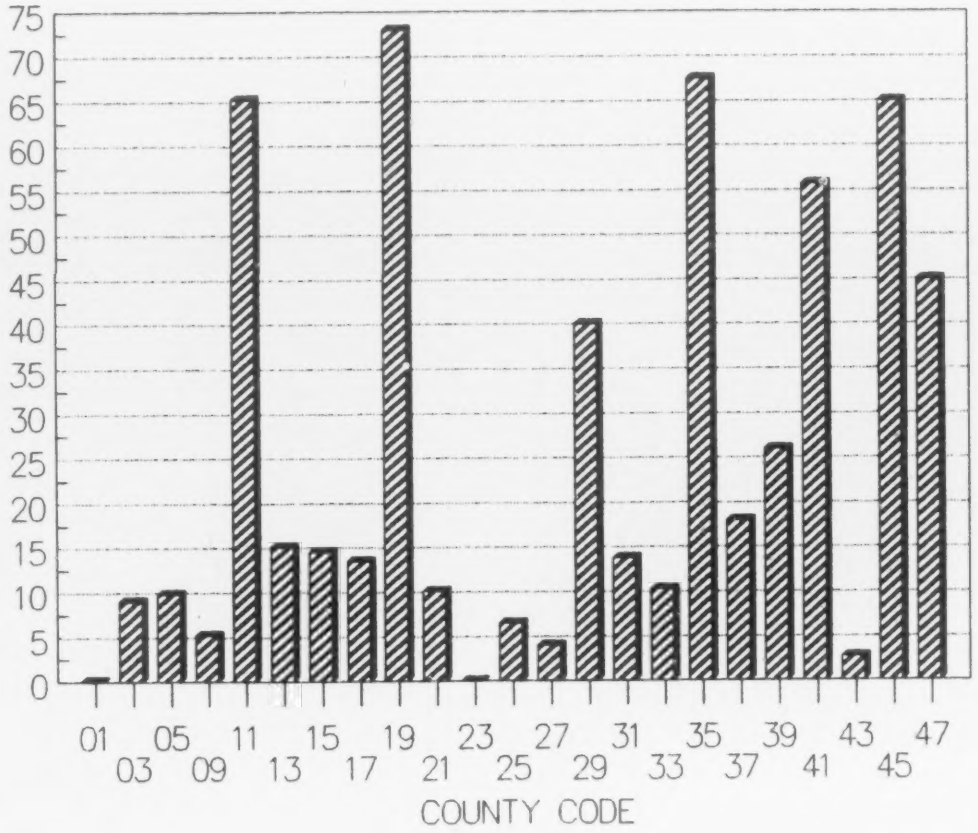
1/ Not published to avoid disclosure of individual operations.
2/ Delmarva totals do not include Northampton totals.

Corn For Silage: Yield, Acreage And Production By Counties, Maryland And Delaware 1988 - 1989

State And County	1988 Harvested	1988 Yield Per Acre	1988 Production	1989 Harvested	1989 Yield Per Acre	1989 Production
MARYLAND	Acres	Tons	Tons	Acres	Tons	Tons
Allegany	1,000	8	8,000	800	15	12,000
Garrett	4,800	8	38,000	3,900	15	59,000
WESTERN	5,800	7.9	46,000	4,700	15.1	71,000
Baltimore	1,400	10	14,000	1,500	15	23,000
Carroll	17,400	10	174,000	13,100	15	197,000
Frederick	28,100	10	283,800	25,000	17	421,200
Harford	3,900	12	47,000	2,100	17	35,700
Howard	3,300	11	36,000	1,400	17	24,000
Montgomery	5,700	12	68,000	3,500	18	63,000
Washington	11,300	9	102,000	10,300	16	165,000
NORTH CENTRAL	71,100	10.2	724,800	56,900	16.3	928,900
Anne Arundel	200	11	2,200	600	17	10,200
Calvert	200	11	2,200	100	16	1,600
Charles	100	10	1,000	100	17	1,700
Prince George's	200	12	2,400	100	14	1,400
St. Mary's	200	9	1,800	100	15	1,500
SOUTHERN	900	10.7	9,600	1,000	16.4	16,400
West Of Bay	77,800	10.0	780,400	62,600	16.2	1,016,300
Caroline	3,100	10	31,000	1,900	13	24,700
Cecil	2,800	10	28,000	3,300	15	49,500
Kent	5,200	10	52,000	3,500	16	56,000
Queen Anne's	3,300	9	30,000	1,600	15	24,000
Talbot	1,100	10	11,000	800	16	12,800
NORTHERN EASTERN SHORE	15,500	9.8	152,000	11,100	15.0	67,000
Dorchester	400	10	4,000	400	13	5,200
Somerset	600	11	6,600	200	12	2,400
Wicomico	300	10	3,000	300	13	3,900
Worcester	400	10	4,000	400	13	5,200
SOUTHERN EASTERN SHORE	1,700	10.4	17,600	1,300	12.8	16,700
East Of Bay	17,200	10	169,600	12,400	15	183,700
State	95,000	10.0	950,000	75,000	16.0	1,200,000
DELAWARE						
New Castle	2,700	13	35,100	2,100	17	35,700
Kent	3,000	12	36,700	2,500	15	37,900
Sussex	2,300	14	32,200	1,400	16	22,400
State	8,000	13.0	104,000	6,000	16.0	96,000

MARYLAND

SOYBEANS: ACRES PLANTED, 1989



COUNTIES

COUNTY	CODE
ALLEGANY	01
ANNE ARUNDEL	03
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PRINCE GEORGE'S	33
QUEEN ANNE'S	35
ST. MARY'S	37
SOMERSET	39
TALBOT	41
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WICOMICO	45
WORCESTER	47

Soybeans: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1988 - 1989

State And County	1988				1989			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	---	---	---	---	100	100	30	3,000
Garrett	---	---	---	---	0	0	0	0
WESTERN	---	---	---	---	100	100	30.0	3,000
Baltimore	5,400	5,300	36	191,000	9,800	9,600	35	336,000
Carroll	11,200	11,100	35	385,000	15,100	14,600	33	482,000
Frederick	6,000	5,600	35	196,000	10,100	9,800	32	314,000
Harford	6,800	6,700	34	228,000	6,500	6,200	34	211,000
Howard	4,300	4,200	36	151,000	4,000	3,900	32.1	125,000
Montgomery	7,500	7,400	37	274,000	13,800	13,300	30	399,000
Washington	2,800	2,700	34	92,000	2,700	2,600	30	78,000
NORTH CENTRAL	44,000	43,000	35.3	1,517,000	62,000	60,000	32.4	1,945,000
Anne Arundel	5,000	4,800	34	163,000	9,000	8,700	32	278,000
Calvert	5,900	5,800	32	186,000	5,200	5,000	29	145,000
Charles	9,000	8,800	30	264,000	13,500	13,000	27	351,000
Prince George's	6,000	5,800	31	180,000	10,300	10,000	26	260,000
St. Mary's	11,100	10,800	25	270,000	18,000	17,300	27	467,000
SOUTHERN	37,000	36,000	29.5	1,063,000	56,000	54,000	27.8	1,501,000
West Of Bay	81,000	79,000	32.7	2,580,000	118,100	114,100	30.2	3,449,000
Caroline	53,000	52,200	29	1,514,000	65,200	62,500	32	2,000,000
Cecil	8,800	8,300	30	249,000	14,500	13,900	30	417,000
Kent	27,000	26,000	36	936,000	40,000	38,500	31	1,194,000
Queen Anne's	50,500	49,500	32	1,584,000	67,500	65,400	27.7	1,810,000
Talbot	44,700	44,000	30	1,320,000	55,700	53,700	28	1,504,000
NORTHERN EASTERN SHORE	184,000	180,000	31.1	5,603,000	242,900	234,000	29.6	6,925,000
Dorchester	60,000	58,200	25	1,455,000	73,000	70,800	30	2,124,000
Somerset	19,000	18,800	33	620,000	26,000	25,200	31	781,000
Wicomico	71,000	70,200	31	2,188,00	65,000	62,000	30	1,860,000
Worcester	50,000	48,800	34	1,659,000	45,000	43,900	31	1,361,000
SOUTHERN EASTERN SHORE	200,000	196,000	30.2	5,922,000	209,000	201,900	30.3	6,126,000
East Of Bay	384,000	376,000	30.7	11,525,000	451,900	435,900	29.9	13,051,000
STATE	465,000	455,000	31.0	14,105,000	570,000	550,000	30.0	16,500,000
DELAWARE								
New Castle	16,000	15,500	30	465,000	20,000	19,500	28	546,000
Kent	65,000	63,000	27	1,701,000	68,000	67,000	30	2,010,000
Sussex	149,000	146,500	27	3,909,000	167,000	163,500	28.7	4,694,000
STATE	230,000	225,000	27.0	6,075,000	255,000	250,000	29.0	7,250,000
VIRGINIA (Eastern Shore)								
Accomack	57,200	57,100	30.0	1,713,000	58,000	57,900	32.0	1,852,800
Northampton	29,600	29,400	32.0	940,300	28,000	27,900	34.0	948,600
DELMARVA	700,800	687,500	29.5	20,253,300	792,900	771,700	29.9	23,102,400

Wheat: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1988 - 1989

State And County	1988				1989			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres			Bushels	Acres			Bushels
Allegany	300	300	47.0	14,100	300	200	43	8,600
Garrett	300	200	47.0	9,400	300	300	41	12,400
WESTERN	600	500	47.0	23,500	600	500	42.0	21,000
Baltimore	3,200	3,100	53.0	164,000	4,500	4,300	39	168,000
Carroll	10,500	10,000	54.0	540,000	11,500	10,400	40	416,000
Frederick	12,600	11,500	52.0	598,000	14,900	13,400	42	563,000
Harford	4,100	3,800	53.0	201,000	5,300	4,800	41	197,000
Howard	3,100	3,000	53.0	201,000	4,000	3,700	41	152,000
Montgomery	6,500	6,000	49.0	294,000	7,800	7,300	43	314,000
Washington	5,000	4,700	54.0	254,000	5,700	5,300	42	223,000
NORTH CENTRAL	45,000	42,100	52.5	2,210,000	53,700	49,200	41.3	2,033,000
Anne Arundel	700	600	53.0	32,000	900	800	36	29,000
Calvert	2,100	1,800	48.0	86,000	2,600	2,400	38	91,000
Charles	2,500	2,100	46.0	97,000	3,000	2,500	37	93,000
Prince George's	1,400	1,000	46.0	46,000	1,600	1,300	38	49,000
St. Mary's	4,300	4,000	45.0	180,000	5,600	4,600	36	166,000
SOUTHERN	11,000	9,500	46.4	441,000	13,700	11,600	36.9	428,000
West Of Bay	56,600	52,100	51.3	2,674,500	68,000	61,300	40.5	2,482,000
Caroline	27,900	26,200	50.0	1,312,500	41,000	38,700	39	1,493,000
Cecil	7,400	7,000	55.0	385,000	7,000	6,700	41	275,000
Kent	11,000	10,000	57.0	570,000	14,000	13,300	41	545,000
Queen Anne's	20,400	19,500	59.0	1,151,000	25,000	23,500	40	940,000
Talbot	18,100	17,900	56.0	1,002,000	23,000	21,500	40	860,000
NORTHERN EASTERN SHORE	84,800	80,600	54.8	4,420,500	110,000	103,700	39.7	4,113,000
Dorchester	18,800	18,200	51.0	928,000	26,100	25,400	42	1,067,000
Somerset	6,300	6,000	51.0	306,000	9,400	9,200	40	368,000
Wicomico	7,500	7,200	52.0	374,000	10,000	9,400	37	348,000
Worcester	6,000	5,900	52.0	307,000	6,500	6,000	37	222,000
SOUTHERN EASTERN SHORE	38,600	37,300	51.3	1,915,000	52,000	50,000	40.1	2,005,000
East Of Bay	123,400	117,900	53.7	6,335,500	162,000	153,700	39.8	6,118,000
STATE	180,000	170,000	53.0	9,010,000	230,000	215,000	40.0	8,600,000
DELAWARE								
New Castle	8,100	7,800	57.9	452,000	10,000	9,300	47.0	437,000
Kent	26,400	25,300	52.5	1,329,000	32,000	28,700	42.9	1,231,000
Sussex	30,500	29,900	50.0	1,495,000	38,000	36,000	40.0	1,440,000
STATE	65,000	63,000	52.0	3,276,000	80,000	74,000	42.0	3,108,000
VIRGINIA (Eastern Shore)								
Accomack	10,200	9,900	54.3	538,000	15,500	15,400	54.0	831,600
Northampton	8,800	8,700	56.3	490,000	11,500	11,400	53.0	604,200
DELMARVA	207,400	199,500	53.3	10,639,500	269,000	254,500	41.9	10,661,800

Barley: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1988 - 1989

State And County	1988				1989			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres			Bushels	Acres			Bushels
Allegany	400	200	60.0	12,000	500	400	55	22,000
Garrett	500	300	60.0	18,000	600	500	56	28,000
WESTERN	900	500	60.0	30,000	1,100	900	55.6	50,000
Baltimore	4,000	3,500	70.0	245,000	3,200	2,800	53	148,000
Carroll	7,000	5,800	66.0	383,000	8,000	7,100	51	362,000
Frederick	7,000	5,200	66.0	343,000	7,500	6,500	51	332,000
Harford	2,300	2,000	70.0	140,000	2,100	1,900	53	101,000
Howard	2,600	2,300	67.0	154,000	3,200	2,900	52	151,000
Montgomery	1,500	1,200	69.0	83,000	1,900	1,600	52	83,000
Washington	3,400	2,700	64.0	173,000	3,900	3,100	50	155,000
NORTH CENTRAL	27,800	22,700	67.0	1,521,000	29,800	25,900	51.4	1,332,000
Anne Arundel	200	100	65.0	6,500	200	200	49	9,800
Calvert	600	400	64.0	25,600	900	800	47	37,600
Charles	400	400	62.0	24,800	600	500	46	23,000
Prince George's	100	100	65.0	6,500	100	100	47	4,700
St. Mary's	1,500	1,400	59.0	82,600	1,900	1,700	45	76,900
SOUTHERN	2,800	2,400	60.8	146,000	3,700	3,300	46.1	152,000
West Of Bay	31,500	25,600	66.3	1,697,000	34,600	30,100	51.0	1,534,000
Caroline	14,000	13,000	71.0	920,000	17,000	15,100	50	752,000
Cecil	1,700	1,300	73.0	95,000	1,800	1,500	52	78,000
Kent	2,700	2,200	72.0	159,000	3,300	2,900	51	148,000
Queen Anne's	6,700	5,700	71.0	405,000	8,700	8,000	51	408,000
Talbot	5,900	5,200	71.0	369,000	5,300	4,500	50	225,000
NORTHERN EASTERN SHORE	31,000	27,400	71.1	1,948,000	36,100	32,000	50.3	1,611,000
Dorchester	10,800	9,900	70.0	693,000	13,000	12,300	48	590,000
Somerset	2,500	2,300	68.0	157,000	2,700	2,400	48	115,000
Wicomico	2,900	2,700	70.0	189,000	2,500	2,200	47	103,000
Worcester	1,300	1,100	70.0	77,000	1,100	1,000	47	47,000
SOUTHERN EASTERN SHORE	17,500	16,000	69.8	1,116,000	19,300	17,900	47.8	855,000
East Of Bay	48,500	43,400	70.6	3,064,000	55,400	49,900	49.4	2,466,000
STATE	80,000	69,000	69.0	4,761,000	90,000	80,000	50.0	4,000,000
DELAWARE								
New Castle	3,100	2,300	75.0	172,500	4,400	3,700	58.1	215,000
Kent	16,500	13,700	73.0	1,000,000	22,600	18,000	55.4	997,000
Sussex	15,400	14,000	70.5	987,500	23,000	18,300	54.0	988,000
STATE	35,000	30,000	72.0	2,160,000	50,000	40,000	55.0	2,200,000
VIRGINIA (Eastern Shore)								
Accomack	4,600	4,400	76.1	335,000	5,000	4,700	72.0	338,400
Northampton	3,700	3,600	80.0	288,000	3,100	3,000	78.0	234,000
DELMARVA	91,800	81,400	71.8	5,847,000	113,500	97,600	53.7	5,238,400

Oats: Yield And Production By Counties, Maryland 1988 - 1989

State And County	1988				1989			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	700	600	48	28,800	900	700	53	37,100
Garrett	4,800	4,200	46	193,200	5,800	5,300	53	280,900
WESTERN	5,500	4,800	46.3	222,000	6,700	6,000	53.0	318,000
Baltimore	1,000	900	57	51,300	1,300	1,200	56	67,000
Carroll	3,000	2,600	55.2	143,400	3,800	3,600	56.3	202,500
Frederick	2,400	2,000	54	108,000	3,200	2,600	56	146,900
Harford	800	700	57	39,900	1,200	1,000	56	56,000
Howard	600	500	55	27,500	800	700	56	39,000
Montgomery	900	800	54	43,200	1,300	1,000	55	55,000
Washington	3,000	2,500	54	135,000	4,700	4,000	56	224,000
NORTH CENTRAL	11,700	10,000	54.8	548,300	16,300	14,100	56.0	789,500
Anne Arundel	100	100	55	5,500	100	100	55	5,500
Calvert	200	100	55	5,500	200	100	56	5,600
Charles	300	200	50	10,000	400	300	54	16,200
Prince George's	400	400	52	20,800	600	500	56	28,000
St. Mary's	500	400	55	22,000	800	600	57	34,200
SOUTHERN	1,500	1,200	53.2	63,800	2,100	1,600	55.9	89,500
West Of Bay	18,700	16,000	52.1	834,100	25,100	21,700	55.2	1,197,000
Caroline	100	100	51	5,100	100	100	53	5,300
Cecil	200	100	57	5,700	400	300	52	15,600
Kent	100	100	51	5,100	200	200	54	10,800
Queen Anne's	300	200	51	10,200	1,400	1,000	56	56,000
Talbot	100	100	52	5,200	200	200	55	11,000
NORTHERN EASTERN SHORE	800	600	52.2	31,300	2,300	1,800	54.8	98,700
Dorchester	100	100	47	4,700	100	100	49	4,900
Somerset	100	100	46	4,600	100	100	48	4,800
Wicomico	200	100	47	4,700	300	200	49	9,800
Worcester	100	100	46	4,600	100	100	48	4,800
SOUTHERN EASTERN SHORE	500	400	46.5	18,600	600	500	48.6	24,300
East Of Bay	1,300	1,000	49.9	49,900	2,900	2,300	53.5	123,000
STATE	20,000	17,000	52.0	884,000	28,000	24,000	55.0	1,320,000

All Hay: Acreage, Yield And Production By Counties, Maryland, 1988 - 1989

State And County	1988			1989		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
MARYLAND	Acres	Tons	Bushels	Acres	Tons	Bushels
Allegany	8,600	1.90	16,300	8,400	2.20	18,500
Garrett	27,400	2.20	60,300	27,100	2.10	56,900
WESTERN	36,000	2.13	76,600	35,500	2.12	75,400
Baltimore	12,500	3.18	39,800	12,400	3.10	38,400
Carroll	29,200	2.70	78,800	28,600	2.90	82,900
Frederick	57,000	3.07	175,200	56,100	2.70	151,500
Harford	14,100	3.10	43,700	13,900	2.80	38,900
Howard	7,600	2.50	19,000	7,500	3.20	24,000
Montgomery	13,200	2.30	30,400	12,600	2.50	31,500
Washington	24,700	3.00	74,100	24,000	2.40	57,600
NORTH CENTRAL	158,300	2.91	461,000	155,100	2.74	424,800
Anne Arundel	4,400	2.00	8,800	4,300	1.70	7,300
Calvert	2,300	1.26	2,900	2,100	1.62	3,400
Charles	4,100	1.39	5,700	4,000	1.70	6,800
Prince George's	5,100	1.90	9,700	4,900	2.51	12,300
St. Mary's	4,700	1.70	8,000	4,600	2.11	9,700
SOUTHERN	20,600	1.70	35,100	19,900	1.98	39,500
West Of Bay	214,900	2.66	572,700	210,500	2.56	539,700
Caroline	3,400	3.09	10,500	3,500	3.00	10,500
Cecil	10,100	3.00	30,300	9,900	3.00	29,700
Kent	5,700	3.30	18,800	5,600	3.11	17,400
Queen Anne's	4,300	3.00	12,900	4,200	2.81	11,800
Talbot	2,000	3.20	6,400	1,900	2.79	5,300
NORTHERN EASTERN SHORE	25,500	3.09	78,900	25,100	2.98	74,700
Dorchester	1,100	2.45	2,700	1,000	3.10	3,100
Somerset	1,400	2.64	3,700	1,300	3.54	4,600
Wicomico	900	2.11	1,900	900	3.22	2,900
Worcester	1,200	2.58	3,100	1,200	3.33	4,000
SOUTHERN EASTERN SHORE	4,600	2.48	11,400	4,400	3.32	14,600
East Of Bay	30,100	3.00	90,300	29,500	3.03	89,300
STATE	245,000	2.71	663,000	240,000	2.62	629,000

Tobacco: Acreage, Yield And Production, By Counties Maryland, 1988 - 1989

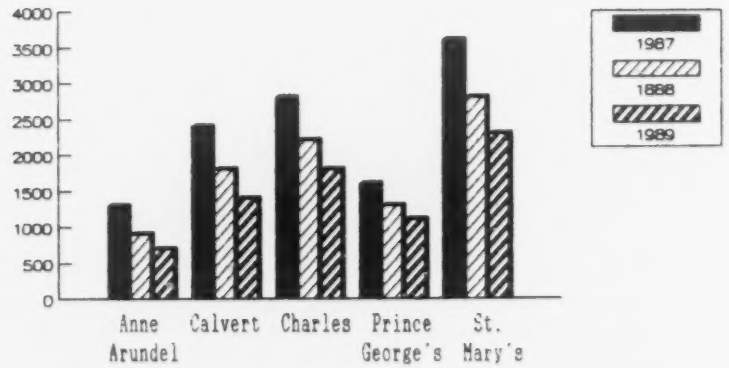
County	1988			1989		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Anne Arundel	900	1,298	1,168,000	700	1,070	749,000
Calvert	1,800	1,200	2,160,000	1,400	990	1,386,000
Charles	2,200	1,230	2,706,000	1,800	1,100	1,980,000
Prince George's	1,300	1,400	1,820,000	1,100	1,050	1,155,000
St. Mary's	2,800	1,470	4,116,000	2,300	1,230	2,833,000
State	9,000	1,330	11,970,000	7,300	1,110	8,103,000

Mushrooms: Area, Production, Price And Value, Maryland, 1979 - 1989 July 1 To June 30

Year	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	Thous. Square Feet				Thous. Pounds	Cents	Thous. Dollars
1979-1980	507	282	114	903	2,336	63.7	1,489
1980-1981	437	292	144	873	2,421	70.5	1,708
1981-1982	376	256	176	808	2,316	61.6	1,426
1982-1983	355	284	191	830	2,291	67.6	1,548
1983-1984	372	261	126	759	2,146	71.5	1,535
1984-1985	346	264	123	733	2,116	65.8	1,392
1985-1986	267	207	254	728	1,734	65.9	1,143
1986-1987	228	228	231	687	1,786	73.3	1,310
1987-1988	221	195	246	662	2,058	79.0	1,625
1988-1989	205	205	254	664	2,056	76.9	1,582

TOBACCO

ACRES HARVESTED



Stocks Of Grain By Quarters, Maryland 1987 - 1989

Crop And Date	1987			1988			1989		
	On Farm	Off Farm	Total	On Farm	Off Farm	Total	On Farm	Off Farm	Total
		Thous. Bushels			Thous. Bushels			Thous. Bushels	
Corn									
December 1	1/	27,772	1/	1/	12,643	1/	1/	14,172	1/
March 1	1/	21,439	1/	1/	11,178	1/	1/	11,722	1/
June 1	1/	12,221	1/	1/	8,965	1/	1/	5,468	1/
September 1	1/	8,747	1/	1/	4,242	1/	1/	1,521	1/
Oats									
September 1	--	143	--	--	--	--	--	--	--
January 1	--	--	--	--	--	--	--	--	--
March 1	--	--	--	--	--	--	--	--	--
June 1	1/	1/	1/	1/	1/	1/	1/	87	1/
Barley									
September 1	--	992	--	1/	900	1/	1/	849	1/
December 1	1/	1/	1/	1/	705	1/	1/	982	1/
March 1	--	--	--	--	--	--	--	250	---
June 1	1/	360	1/	1/	1/	1/	1/	125	1/
Wheat									
September 1	--	4,488	--	1/	2,864	1/	1/	2,996	1/
December 1	1/	2,396	1/	1/	2,609	1/	1/	1,609	1/
March 1	1/	610	1/	1/	1/	1/	1/	1,520	1/
June 1	1/	1/	1/	1/	1/	1/	1/	77	1/
Soybeans									
December 1	1/	4,977	1/	1/	1/	1/	1/	11,579	1/
March 1	1/	1/	1/	1/	1/	1/	1/	1/	1/
June 1	1/	1/	1/	1/	1/	1/	1/	1/	1/
September 1	1/	1/	1/	1/	1/	1/	1/	1/	1/
Hay		Thous. Tons			Thous. Tons			Thous. Tons	
December 1	514	--	--	484	--	1/	421	--	--
May 1	114	--	--	114	--	1/	113	--	--

1/ Not published to avoid disclosure of individual operations.

Fruit Production, Price And Cash Receipts 1981 - 1989

Year	Total Production	Utilized Production	Season Average Price	Value Of Utilized Production
	Million Pounds		Cents Per lb.	Thous. Dollars
		Apples		
1981	70.0	70.0	13.8	9,642
1982	80.0	80.0	13.7	10,976
1983	70.0	70.0	10.8	7,581
1984	80.0	80.0	11.4	9,135
1985	80.0	76.0	10.2	7,764
1986	87.0	85.0	11.3	9,641
1987	40.0	38.0	10.3	3,930
1988	54.0	52.0	12.2	6,334
1989	37.0	37.0	11.2	4,147
		Peaches		
1981	17.0	16.8	16.3	2,737
1982	17.0	17.0	22.6	3,845
1983	22.0	22.0	19.5	4,300
1984	19.0	18.0	19.3	3,472
1985	1.0	1.0	26.2	262
1986	20.0	20.0	20.4	4,088
1987	11.0	9.0	15.4	1,385
1988	12.8	9.8	18.9	1,850
1989	7.6	7.6	28.0	2,128

Processed Apple Utilization 1981 - 1989

Year	Canned		Juice & Cider		Frozen		Other 1/	
	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton
1981	10.5	130	16.5	119	1.6	173	0.2	127
1982	15.9	134	14.0	104	1.8	152	0.3	127
1983	16.1	122	10.9	84	1.7	160	0.3	80
1984	21.7	138	10.9	98	2.3	148	0.1	94
1985	22.0	138	11.7	77	1.1	160	0.2	79
1986	17.8	128	16.0	114	4.0	142	0.2	100
1987	10.0	116	5.8	94	2.0	128	0.2	108
1988	15.0	156	8.8	100	1.0	140	0.2	102
1989	15.2	15.2	4.0	92	1.6	182	0.2	102

1/ Includes vinegar, wine, jam and fresh slices for pie fillings, etc.

Apple Utilization 1981 - 1989

Year	Fresh Market		Processed		Total Utilized Production Million Pounds
	Million Pounds	Cents Per Pound	Million Pounds	Dollars Per Ton	
1981	41.2	19.0	28.8	126	70.0
1982	48.0	18.8	32.0	122	80.0
1983	41.0	14.6	29.0	110	70.0
1984	45.0	15.4	35.0	126	80.0
1985	41.0	13.9	35.0	118	76.0
1986	47.0	15.5	38.0	123	85.0
1987	20.0	14.7	18.0	110	38.0
1988	27.0	17.2	25.0	135	52.0
1989	16.0	16.6	21.0	142	37.0

Vegetables For Fresh Market: Acreage, Yield, Production And Value, Maryland 1987 - 1989

Crop	Season	Year	Planted	Harvested	Production		Season Average Price	Value of Production
					Per Acre	Total		
			---- Acres -----		Cwt	Thous. Cwt	Dollars Per Cwt	Thous. Dollars
Snap Beans:	Summer	1987	2,150	2,100	27	57	29.80	1,699
		1988	1,960	1,905	26	50	41.80	2,090
		1989	1,990	1,900	37	70	36.50	2,555
Sweet Corn:	Summer	1987	9,300	9,200	46	423	16.20	6,853
		1988	9,555	9,085	33	300	18.40	5,520
		1989	10,055	9,760	54	527	18.70	9,855
Cucumbers:	Summer	1987	1,160	1,120	75	84	14.70	1,235
		1988	1,085	1,045	90	94	14.20	1,335
		1989	1,100	1,070	105	112	14.00	1,568
Tomatoes:	Summer	1987	3,000	2,600	185	481	22.70	10,919
		1988	2,700	2,500	135	338	30.40	10,275
		1989	2,800	2,600	165	429	24.60	10,553
Cantaloupes:		1987	1,620 1/	1,600 1/	115	184 1/	20.00	3,680 1/
		1988	1,810 1/	1,740 1/	78	136 1/	20.00	2,720 1/
		1989	2,000	1,940	64	124	21.50	2,666
Watermelons:	Summer	1987	3,270 1/	3,200 1/	240	768 1/	6.30	4,838 1/
		1988	3,200 1/	3,090 1/	196	606 1/	7.05	4,272 1/
		1989	3,250	3,125	155	484	7.80	3,775
Strawberries		1987	690	680	65	44	47.40	2,086
		1988	665	660	55	36	60.60	2,182
		1989	700	670	52	35	65.60	2,286
Greens		1987	795	795	59	47	17.80	1,030
		1988	850	810	82	66.4	25.60	1,700
		1989	725	680	56	38.1	29.70	1,132
Squash		1987	410	400	141	56	18.40	1,030
		1988	635	610	152	93	24.30	2,260
		1989	670	640	110	70	22.40	1,568
Kale		1987	270	270	27	7.3	18.00	131
		1988	485	485	35	17.0	20.00	340
		1989	570	550	30	16.5	20.70	342
Pumpkins		1987	615	600	135	81	7.15	579
		1988	745	720	146	105	10.15	1,103
		1989	880	815	87	71	12.15	863
Green Peas		1987	220	220	19	4.2	39.10	164.2
		1988	230	230	17	3.9	39.80	155.2
		1989	200	200	21	4.2	47.00	197.4
Turnips		1987	105	100	225	23.0	13.40	308.2
		1988	110	105	115	12.1	13.40	162.1
		1989	120	120	160	19.2	13.80	265.0
Broccoli		1987	120	120	28	3.4	48.40	164.6
		1988	130	120	28	3.4	62.40	212.2
		1989	160	150	25	3.8	61.40	233.3
Lima Beans		1987	180	180	21	3.8	44.40	169
		1988	194	180	20	3.6	49.20	177.1
		1989	210	170	34	5.8	57.10	331.6
Beets		1987	30	30	90	2.7	35.00	94.5
		1988	30	25	80	2.0	32.50	65.0
		1989	30	25	70	1.8	33.50	60.3
Hot Peppers		1987	35	35	54	1.9	41.80	79.4
		1988	35	35	31	1.1	40.00	44.0
		1989	40	40	46	1.8	66.50	119.7
Spinach		1987	1,850	1,840	48	88.0	28.90	2,543
		1988	2,270	2,260	36	81.4	43.50	3,541
		1989	2,450	2,385	41	97.8	40.40	3,951
Cabbage		1987	420	410	160	66.0	9.70	640
		1988	505	470	47	22.1	15.80	349
		1989	580	550	91	50.1	14.00	701
Eggplant		1987	25	25	175	4.4	6.80	30
		1988	25	25	160	4.0	20.00	80
		1989	20	20	155	3.1	20.70	64
Cauliflower		1987	60	60	37	2.2	42.90	94.4
		1988	65	65	91	5.9	54.10	319.2
		1989	90	90	44	4.0	54.90	219.6
Sweet Peppers		1987	290	280	61	17.1	40.20	687.4
		1988	300	270	46	12.4	38.40	476.2
		1989	330	300	68	20.4	40.80	832.3

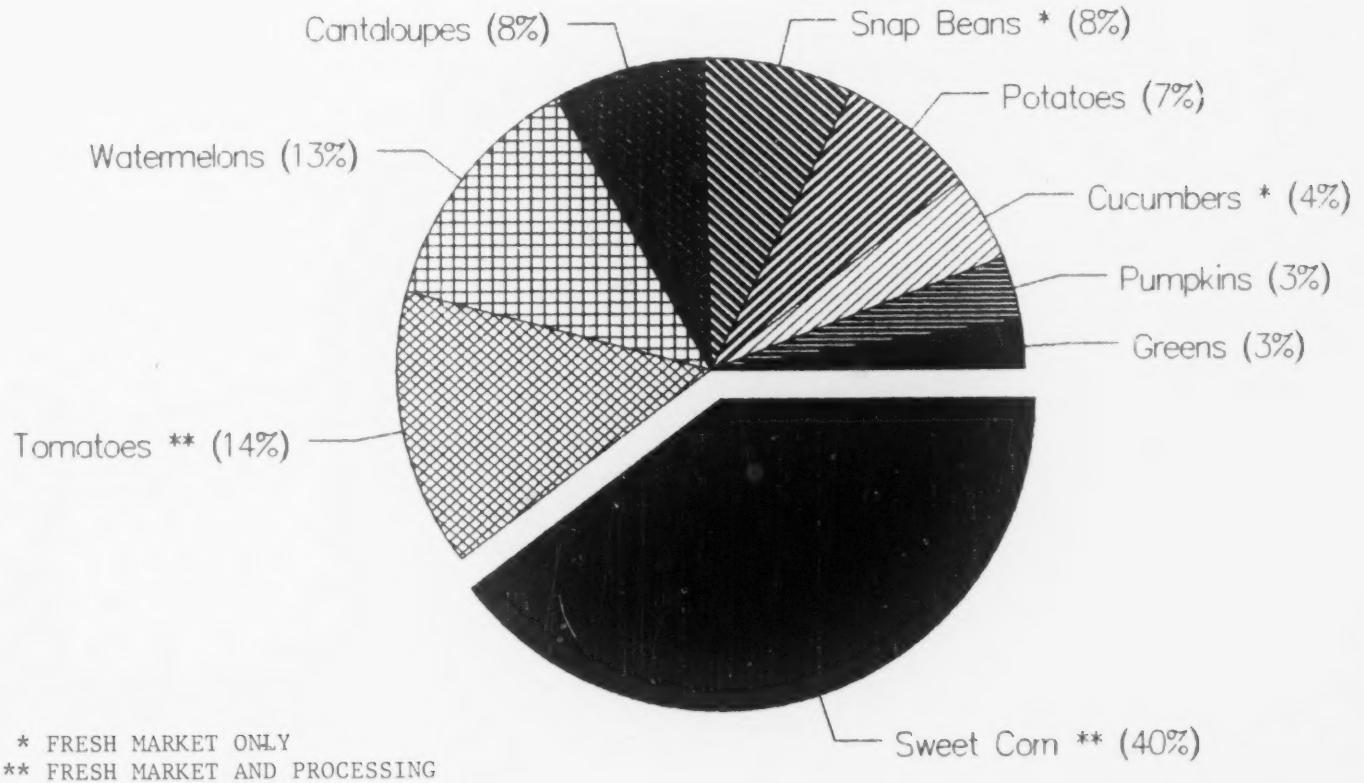
1/ Revised.

Vegetables For Processing: Acreage, Yield, Production And Value, Maryland, 1981 - 1989

Crop	Year	Planted	Harvested	Production		Season Average Price	Value Of Production
				Per Acres	Total		
		Acres		Tons	Tons	Dollars Per Ton	Thous. Dollars
Green Lima Beans 1/	1981	2,100	2,100	.86	1,810	438,000	793
	1982 2/	---	---	---	---	---	---
	1983 2/	---	---	---	---	---	---
	1984 2/	---	---	---	---	---	---
	1985 2/	---	---	---	---	---	---
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
Snap Beans	1981	4,000	3,900	2.58	10,060	191.00	1,921
	1982	2,700	2,600	2.43	6,320	217.00	1,371
	1983 2/	---	---	---	---	---	---
	1984 2/	---	---	---	---	---	---
	1985 2/	---	---	---	---	---	---
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
Sweet Corn	1981	10,200	8,100	4.17	33,780	76.50	2,584
	1982	8,600	8,600	4.61	39,950	65.90	2,106
	1983	9,200	8,900	3.59	31,950	65.90	2,106
	1984	8,700	8,300	5.86	48,640	80.00	3,891
	1985	9,200	9,000	6.04	54,360	65.80	3,577
	1986	7,900	7,600	5.46	41,500	48.20	2,000
	1987	6,500	6,300	5.16	32,510	58.00	1,886
	1988	7,000 3/	6,800	5.04	34,270	62.80	2,152
	1989	4,700	4,600	5.24	24,100	73.30	1,767
Cucumber For Pickles	1981	2,500	2,500	11.37	28,430	162.00	4,606
	1982	2,100	2,100	7.12	14,950	150.00	2,243
	1983	1,700	1,600	7.98	12,760	147.00	1,876
	1984	3,500	3,500	7.51	26,290	147.00	3,865
	1985	4,000	3,900	7.27	28,350	143.00	4,054
	1986	3,300	3,300	6.39	21,090	193.00	4,070
	1987	2,200	2,200	7.40	16,280	203.00	3,305
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
Green Peas 1/	1981	4,200	4,200	1.78	7,480	245.00	1,833
	1982	3,100	3,100	1.72	5,330	275.00	1,466
	1983	3,000	2,900	1.17	3,390	232.00	786 3/
	1984	2,600	2,500	1.63	4,080	282.00	1,151
	1985	1,900	1,900	2.12	4,030	304.00	1,225
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
Tomatoes	1981	3,400	3,300	15.03	49,600	79.50	3,943
	1982	4,100	4,100	15.76	64,620	82.00	5,299
	1983	2,600	23,600	13.57	35,280	75.50	2,664
	1984	3,100	2,900	18.13	52,580	76.70	4,033
	1985	2,400	2,300	17.90	41,170	72.70	2,993
	1986	1,900	1,800	13.78	24,800	69.60	1,726
	1987	1,800	1,700	13.19	22,420	78.00	1,749
	1988	2,900	2,700	9.00	24,300	74.90	1,820
	1989	970	970	12.69	12,310	89.00	1,096

1/ Shelled basis.
2/ Not published to avoid disclosure of individual operations.
3/ Revised.

MARYLAND
VEGETABLE ACREAGE HARVESTED, 1989



* FRESH MARKET ONLY
** FRESH MARKET AND PROCESSING

Commercial Vegetables And Melons: Harvested Acres, By Counties, Maryland, 1988 - 1989

County	Acres Harvested					
	1988			1989		
	Fresh Market 1/ 3/	Processing 2/	Total	Fresh Market 1/	Processing 2/	Total
	---------- Acres ----------					
Allegany	240	*	*	170	*	*
Garrett	176	*	*	320	*	*
WESTERN	416	*	*	490	*	*
Baltimore	*	*	*	*	*	*
Carroll	*	*	1,393	*	*	1,943
Frederick	*	*	392	*	*	442
Harford	373	1,050	1,423	363	*	*
Howard	551	*	*	556	*	*
Montgomery	*	*	570	*	*	740
Washington	*	*	245	*	*	267
NORTH CENTRAL	7,049	2,430	9,479	7,576	2,730	10,306
Anne Arundel	1,139	*	*	1,149	*	*
Calvert	370	*	*	395	*	*
Charles	523	*	*	535	*	*
Prince George's	1,566	*	*	1,496	*	*
St. Mary's	585	*	*	775	*	*
SOUTHERN	4,183	*	*	4,350	*	*
West of Bay	11,648	3,740	15,388	12,416	2,850	15,266
Caroline	2,785	1,900	4,685	2,873	2,100	4,973
Cecil	95	60	155	130	70	200
Kent	2,175	2,785	4,960	2,285	750	3,035
Queen Anne's	2,510	2,120	4,630	2,830	1,425	4,255
Talbot	90	605	695	85	575	660
NORTHERN EASTERN SHORE	7,655	7,470	15,125	8,203	4,920	13,123
Dorchester	1,785	5,855	7,640	1,803	6,945	8,748
Somerset	1,415	90	1,505	1,248	290	1,538
Wicomico	3,713	580	4,293	3,940	530	4,470
Worcester	434	450	884	430	430	860
SOUTHERN EASTERN SHORE	7,347	6,975	14,322	7,421	8,195	15,616
East of Bay	15,002	14,445	29,447	15,624	13,115	28,739
MARYLAND	26,650	18,185	44,835	28,040	15,965	44,005

* Not published to avoid disclosure of individual operations.
1/ Fresh Market Vegetables include: asparagus, beets, broccoli, cabbage, kale, snap beans, cucumbers, sweet corn, green peas, cantaloupes, watermelons, squash, strawberries, lima beans, cauliflower, turnips, sweet peppers, hot peppers, pumpkins, eggplant, spinach, and greens.
2/ Processing vegetables include: green peas, snap beans, lima beans, sweet corn, cucumbers for pickles tomatoes, hot peppers and sweet peppers, and sweet potatoes.
3/ Revised.

Commercial Vegetables And Melons: Harvested Acreage By Crop And Area, Maryland, 1988 - 1989

Crop	West Of Chesapeake Bay		Northern Eastern Shore		Southern Eastern Shore		State	
	1988	1989	1988	1989	1988	1989	1988	1989
				For Fresh Market				
	Acres		Acres		Acres		Acres	
Snap Beans	885	925	400	350	620	625	1,905	1,900
Cucumbers	240	250	90	95	715	725	1,045	1,070
Sweet Corn	5,080	5,350	905	3,280	1,090	1,130	9,085	9,760
Tomatoes 5/	915	1,115	345	415	1,180	1,070	2,500	2,600
Cantaloupes 5/	255	340	905	945	580	655	1,740	1,940
Watermelons	145	155	345	350	2,600	2,620	3,090	3,125
Strawberries	475	475	90	110	95	85	660	670
Greens	730	610	50	40	30	30	810	680
Squash	455	480	85	95	70	65	610	640
Kale	435	475	15	25	35	50	485	550
Pumpkins	610	665	60	85	50	65	720	815
Green Peas	190	160	15	25	25	15	230	200
Turnips	75	95	10	10	20	15	105	120
Lima Beans	105	100	45	30	30	40	180	170
Beets	25	25	--	--	--	--	25	25
Cauliflower	55	80	--	--	10	10	65	90
Other Vegetables 1/	973	1,236	2,225	2,358	197	236	3,395	3,830
Total	11,648	12,536	7,655	8,213	7,347	7,436	26,650	28,185
				For Processing				
Sweet Corn	4/	4/	3,020	1,620	4/	4/	6,800	4,600
Tomatoes	200	120	1,120	170	1,380	680	2,700	970
Other Vegetables 3/	2,330	2,250	3,330	3,130	3,020	5,015	8,680	10,395
Total	3,740	2,850	7,470	4,920	6,970	18,195	18,180	15,965

1/ Fresh market other vegetables includes: asparagus, broccoli, cabbage, eggplant, hot and sweet peppers, okra, spinach, beets and turnips.
2/ Revised.
3/ For processing other vegetables includes: cucumbers for pickles, green peas, hot and sweet peppers, lima beans and snap beans.
4/ Not published to avoid disclosure of individual operations.
5/ Revised.

Poultry Review

Commercial broiler production in 1989 totaled 1,108 billion pounds liveweight or 257.8 million birds. Meat type birds averaged 4.3 pounds with price per pound at 40.5 cents per pound. The total value of commercial broilers produced in Maryland totaled $448.9 million up 13 percent from the $396.1 million value in 1988. An increase of 4 cents per pound coupled with an increase of 5.4 million birds caused the increased value.

Broilers continue to be an important part of Maryland's agriculture accounting for 33.3 percent of the state's total cash receipts from farm marketings and 51.6 percent of the receipts from livestock and livestock products. Commercial hatcheries set 433 million broiler eggs during the 1989 production year, up 7 percent from the 404 million set in 1988. Broiler chicks hatched in Maryland totaled 350 million birds, 4 percent above the previous year's 335 million hatched.

Table egg production in Maryland for 1989 totaled 965 million, up 4 percent from the 932 million produced in 1988. The annual average number of layers on farms for 1989 was 3.76 million, 6 percent above 1988's 3.55 million annual average. The annual average eggs a layer laid in 1989 at 257 was 5 less than the year earlier 262 annual average eggs laid.

Broiler-Type Eggs Set, Chicks Hatched And Placed In Growing Houses, Maryland, By Weeks, 1988 And 1989 Production Years 1/

Year And Week Ending		Eggs Set	Chicks Hatched	Chicks Placed	Year And Week Ending		Eggs Set	Chicks Hatched	Chicks Placed
			Thous					Thous	
1987					1988				
Oct	03	7,589	5,393	4,299	Oct	1	7,585	5,436	4,761
	10	7,083	5,394	4,498		8	7,129	5,686	4,714
	17	7,016	6,216	4,983		15	6,723	6,529	5,158
	24	7,969	6,090	4,364		22	7,063	6,154	4,673
	31	7,934	5,740	5,224		29	8,362	5,831	4,923
Nov	07	7,967	5,663	4,135	Nov	5	8,174	5,446	4,541
	14	8,418	6,445	4,974		12	8,199	5,768	4,502
	21	8,066	6,409	5,342		19	8,377	6,721	4,757
	28	8,019	6,475	5,039		26	8,250	6,619	4,740
Dec	05	7,798	6,912	5,201	Dec	3	8,402	6,642	5,586
	12	7,589	6,629	5,711		10	8,474	6,784	5,578
	19	7,738	6,619	4,654		17	8,366	6,663	5,600
	26	7,577	6,469	5,425		24	8,390	6,802	5,167
						31	8,323	6,835	5,869
1988					1989				
Jan	02	7,628	6,261	5,353	Jan	7	8,338	6,788	5,185
	09	7,941	6,306	5,463		14	7,677	6,834	4,965
	16	7,494	6,243	5,318		21	8,160	6,768	5,045
	23	7,516	6,180	4,880		28	8,072	6,769	5,513
	30	7,470	6,469	5,001					
Feb	06	7,537	6,151	5,019	Feb	4	8,382	6,236	4,409
	13	7,720	6,232	5,112		11	8,327	6,634	5,727
	20	7,909	6,194	4,975		18	8,398	6,591	5,700
	27	8,011	6,304	5,052		25	8,308	6,904	5,679
Mar	05	7,875	6,392	5,301	Mar	4	8,176	6,816	5,878
	12	7,660	6,528	5,157		11	8,236	6,839	5,253
	19	8,031	6,591	5,778		18	8,234	6,730	4,788
	26	7,584	6,508	5,557		25	8,306	6,656	5,373
Apr	02	7,941	6,365	4,989	Apr	1	8,373	6,837	5,699
	09	7,858	6,772	5,248		8	8,355	6,788	4,779
	16	7,882	6,376	5,369		15	8,423	6,788	5,445
	23	7,985	6,690	5,240		22	8,466	6,929	5,381
	30	7,914	6,566	5,022		29	8,361	6,865	5,224
May	07	7,790	6,539	4,858	May	6	8,456	6,939	5,457
	14	7,950	6,666	5,266		13	8,322	6,945	5,470
	21	7,954	6,554	5,450		20	8,497	6,826	4,756
	28	8,008	6,536	5,338		27	8,471	6,821	5,851
Jun	04	8,051	6,595	6,073	Jun	3	8,467	6,818	5,801
	11	7,977	6,601	5,170		10	8,488	6,921	5,474
	18	7,874	6,630	5,834		17	8,460	6,925	5,661
	25	7,839	6,687	5,121		24	8,452	6,936	6,347
Jul	02	7,514	6,600	4,825	Jul	1	8,402	6,908	4,962
	09	7,877	6,484	4,892		8	8,346	6,943	5,716
	16	7,933	6,441	5,230		15	8,410	6,972	5,195
	23	7,967	6,094	4,796		22	8,406	6,894	5,092
	30	7,930	6,475	4,930		29	8,295	6,841	5,513
Aug	06	7,912	6,522	5,077	Aug	5	8,041	6,812	5,540
	13	7,830	6,456	5,896		12	8,333	6,697	5,220
	20	7,834	6,391	5,217		19	8,392	6,741	5,521
	27	7,796	6,489	4,872		26	8,344	6,565	5,352
Sep	03	7,924	6,403	5,225	Sep	2	7,723	6,837	5,717
	10	6,672	6,307	4,508		9	7,356	6,914	5,454
	17	6,962	6,215	5,142		16	7,388	6,828	4,966
	24	7,997	6,391	5,301		23	8,223	6,374	5,085
						30	7,456	6,083	4,985
Total 1988		404,310	331,658	266,884	Total 1989		433,137	352,228	279,747

1/ Eggs set and chicks hatched include eggs for all broiler-type chicks, including those raised as broilers and as hatchery flock replacement. Chicks placed include only chicks raised as broilers.

Commercial Broilers: Production And Value
Maryland, 1983 - 1989

Year 1/	Number Produced	Average Liveweight	Production	Average Price Per Pound 2/	Value 3/
	Thous. Birds	Lb	Thous. Pounds	Cents	Thous. Dollars
1983	260,477	4.1	1,067,596	31.0	331,066
1984	271,168	4.2	1,138,906	36.5	415,701
1985	272,429	4.2	1,144,202	33.0	377,587
1986	263,885	4.3	1,134,706	37.5	425,515
1987	264,196	4.4	1,162,462	30.5	354,551
1988	252,400	4.3	1,085,320	36.5	396,142
1989	257,776	4.3	1,108,394	40.5	448,899

1/ Twelve month period beginning with December of the previous year.
2/ Liveweight equivalent price.
3/ Gross income received by the agricultural sector for the production of broilers.

Broiler-Type Chicks Hatched By Commercial Hatcheries
Maryland, 1983 - 1989

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
							Thous. Birds						
1983	27,444	24,708	28,431	27,080	28,821	27,963	28,033	27,332	25,994	25,876	25,754	27,654	325,090
1984	27,691	25,908	29,649	29,262	31,294	29,978	29,416	29,285	26,943	27,686	26,803	28,409	342,324
1985	29,079	25,840	30,804	29,915	31,082	30,473	29,827	29,188	27,282	28,049	28,877	31,371	351,787
1986	30,253	27,325	31,130	30,170	30,715	29,346	29,248	26,987	26,940	29,041	28,847	30,313	350,315
1987	29,101	25,503	29,472	29,330	30,373	30,215	29,612	27,556	25,996	25,754	26,969	29,122	339,002
1988	27,869	25,829	28,736	28,224	29,124	28,362	28,315	28,581	26,319	26,535	26,789	29,933	334,616
1989	29,834	26,614	30,031	29,340	30,432	29,627	30,586	29,739	28,184	27,557	27,406	30,400	349,750

Chick Hatcheries: Number And Egg Capacity, January 1,
Selected Years, Maryland 1971 - 1989

Year	Number Of Hatcheries	Egg Capacity	Year	Number Of Hatcheries	Egg Capacity
	Number	Thous. Eggs		Number	Thous. Eggs
1971	16	22,441	1981	10	22,106
1973	16	23,453	1983	8	28,628
1975	10	20,191	1985	7	27,811
1977	10	18,212	1987	7	27,776
1979	10	22,055	1989	7	30,758

Egg Production: Number Of Layers, Eggs Per Layer And Total Production, Quarterly, Maryland, 1983 - 1989

Year	December - February 1/	March - May	June - August	September - November	Annual Average 2/
		Layers On Farms - Thous. 2/			
1983	3,274	3,326	3,388	3,450	3,360
1984	3,505	3,556	3,516	3,511	3,522
1985	3,450	3,264	3,136	3,254	3,275
1986	3,504	3,474	3,577	3,810	3,591
1987	3,809	3,809	3,723	3,625	3,742
1988	3,677	3,669	3,452	3,417	3,554
1989	3,628	3,785	3,880	3,730	3,757
		Eggs Per Layer During Quarter			
1983	59.0	63.4	64.9	61.5	249
1984	59.6	60.2	60.0	58.7	239
1985	60.0	62.8	62.8	62.7	248
1986	61.4	62.5	62.6	61.4	248
1987	62.0	63.3	62.1	60.1	247
1988	62.0	66.0	67.5	67.0	262
1989	63.4	65.0	66.0	62.5	257
		Total Egg Production - Millions			
1983	193	211	220	212	836
1984	209	214	211	206	840
1985	207	205	197	204	813
1986	215	217	224	234	890
1987	236	241	231	218	926
1988	228	242	233	229	932
1989	230	246	256	233	965

1/ December preceding year.
2/ Average or total may not add or multiply due to rounding.

Eggs: Production, Disposition And Value Of Sales, Maryland 1983 - 1989

Year 1/	Hens And Pullets Of Laying Age 2/	Average Number Of Layers On Hand During Year	Eggs Per Layer 3/	Eggs Produced	Eggs Consumed In Farm Household	Eggs Sold	Price Per Dozen 4/	Cash Receipts From Sales
	---- Thousands ----		Number	-------- Millions -------			Cents	Thous. Dollars
1983	3,455	3,360	249	836	4	832	67.0	46,453
1984	3,548	3,522	239	840	4	836	82.0	57,400
1985	3,412	3,275	248	813	N/A	N/A	65.0	44,038 5/
1986	3,819	3,591	248	890	N/A	N/A	65.0	48,208 5/
1987	3,624	3,742	247	926	N/A	N/A	58.0	44,757 5/
1988	3,538	3,554	262	932	N/A	N/A	56.0	43,493 5/
1989	3,550	3,757	257	965	N/A	N/A	72.1	57,980

1/ Marketing year is from December 1 of the previous year to November 30 of the year shown.
2/ On hand December 1 of the previous year.
3/ Eggs produced divided by average number of layers on hand.
4/ Includes hatching eggs and eggs sold at retail by farmers.
5/ Value of production.

Chickens: Inventory And Value On December 1
Maryland, 1983 - 1989 1/

Year	Hens And Pullets Of Laying Age			Pullets 3 Months Old And Older Not Of Laying Age	Pullets Under 3 Months	Other Chickens	Total Chickens	Value	
	Hens	Pullets	Total					Per Bird	Total Value
	Thous. Birds							Dollars	Thous. Dollars
1983	1,055	2,400	3,455	575	565	103	4,698	2.80	13,154
1984	968	2,580	3,548	350	614	83	4,595	2.20	10,109
1985	1,300	2,112	3,412	735	534	101	4,782	2.55	12,194
1986	1,424	2,395	3,819	591	615	104	5,129	2.15	11,027
1987	1,415	2,209	3,624	502	678	60	4,864	1.80	8,755
1988	1,054	2,484	3,538	241	970	72	4,821	2.65	12,776
1989	1,212	2,338	3,550	390	461	84	4,485	4.35	19,510

1/ Excludes commercial broilers.

Chickens And Turkeys: Production, Disposition, And Value
Maryland, 1983 - 1989 1/

Year	Number Raised	Production 2/		Home Consumption		Pounds Sold	Value Of Sales 3/
		Number	Pounds	Number	Value		
	Thous. Birds	Thous. Birds	Thous. Lb	Thous. Birds	Thous. Dollars	Thous. Lb	Thous. Dollars
			Chickens 4/				
1983	4,545	4,125	22,460	90	61	18,525	2,840
1984	3,407	2,997	15,016	100	77	15,000	2,550
1985 5/	--	2,400	--	--	--	12,720	1,908
1986	--	--	--	--	--	13,780	1,791
1987	--	--	--	--	--	14,310	1,574
1988	--	--	--	--	--	13,780	1,240
1989	--	--	--	--	--	18,020	8,063
			Turkeys 6/				
1983	100	--	1,900	--	--	--	836
1984 7/	164	--	3,408	--	--	--	1,670
1985 7/	140	--	2,995	--	--	--	1,694
1986 7/	125	--	2,625	--	--	--	1,680
1987 7/	133	--	2,660	--	--	--	1,596
1988 7/	135	--	2,835	--	--	--	1,701
1989 7/	100	--	1,815	--	--	--	1,086

1/ From December 1 of the previous year to November 30 of the year shown.
2/ The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.
3/ Cash receipts plus value of consumption. The numbers for turkeys are values of production.
4/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown.
5/ In 1985 the chicken estimate program was changed. Production equals amount actually sold. Gross income equals value of actual sales for 1985.
6/ Based on turkeys hatched from September 1 of the previous year to August 31 of the year shown.
7/ Includes Maryland and Delaware.

Dairy Review

Milk production in Maryland during 1989 decreased 66 million pounds to 1.38 billion pounds. The annual average number of milk cows decreased 3,000 from a year earlier and milk per cow increased 246 pounds to 13,240 for the year. Dairy herds in Frederick county, the top milk production county, produced 391 million pounds of milk in 1989, down 6 percent from the previous year, and accounted for 28 percent of Maryland's total milk production. Carroll and Washington counties produced 235 and 219 million pounds of milk respectively. Carroll county accounted for 17 percent of the state's total production and Washington county accounted for 16 percent of the total production.

Cash receipts for milk produced during 1989 totaled $197.8 million in Maryland. These returns accounted for 23 percent of all livestock related cash receipts and 15 percent of the total farm-related cash receipts for the state. Cash receipts for milk marketed at $197.6 million were up $12.0 million, 6 percent from the $185.6 million receipts of 1988.

The production of ice cream mix at 9.62 million gallons rose 42 percent from the 6.79 million gallons produced in 1988. Production of ice cream at 19.12 million gallons rose 27 percent from the 15.09 million gallons produced in 1988. Ice milk production for 1989 totaled 5.63 million gallons, 3 percent above the 5.44 million gallons produced in 1988. Milk sherbet production for 1989 totaled 1.49 million gallons, up 3 percent from the 1.45 million gallons produced in 1988.

Milk Cows And Milk Production, Maryland 1983 - 1989

Year	Number Of Milk Cows On Farms 1/	Production Per Milk Cow		Production Of Milk And Milkfat		
		Milk	Milkfat	Percentage Of Fat In All Milk Produced	Total Milk	Total Milkfat
	Thous.	Pounds		Percent	Million Pounds	
1983	120	13,383	492	3.68	1,606	59.1
1984	120	12,750	468	3.67	1,530	56.2
1985	119	13,665	498	3.65	1,625	59.3
1986	117	13,846	508	3.67	1,620	59.5
1987	109	13,835	509	3.68	1,508	55.5
1988	107	13,486	499	3.70	1,443	53.4
1989	104	13,240	490	3.70	1,377	50.9

1/ Average number on farms during year, excluding heifers not yet fresh.

Milk Utilized, Marketings, Income And Value Of Dairy Products, Maryland 1983 - 1989

Year	Milk	Combined Marketing Of Milk And Cream						Gross Farm Income From Dairy Products 4/	Farm Value Of Milk Produced 5/
		Average Returns 1/		Cash Receipts From Marketings	Milk Used On Farms Where Produced				
		Per 100 Pounds Milk	Per Pound Milkfat		Fed To Calves 2/	Milk Utilized	Value 3/		
	Million Pounds	-- Dollars --		Thous. Dollars	--- Million Pounds ---		Thous. Dollars	Thous. Dollars	
1983	1,592	14.00	3.80	222,880	8	6	840	223,720	224,840
1984	1,516	14.00	3.81	212,240	8	6	840	213,080	214,200
1985	1,611	13.10	3.59	211,041	8	6	786	211,827	212,875
1986	1,605	12.90	3.51	207,045	10	5	645	207,690	208,980
1987	1,494	13.10	3.56	195,714	10	4	524	196,238	197,548
1988	1,428	13.00	3.51	185,640	11	4	520	186,160	187,590
1989	1,363	14.50	3.92	197,635	10	4	580	198,215	199,655

1/ Cash receipts divided by milk or milkfat respresented in combined marketings.
2/ Excludes milk sucked by calves.
3/ Used for milk, cream and butter where produced, valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.
5/ Includes value of milk fed to calves.

Milk: Average Fat Test, By Months, Maryland 1983 - 1989 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
	Percent												
1983	3.81	3.77	3.72	3.75	3.57	3.53	3.48	3.47	3.60	3.75	3.83	3.89	3.68
1984	3.86	3.76	3.77	3.71	3.64	3.55	3.49	3.49	3.58	3.69	3.74	3.77	3.67
1985	3.77	3.78	3.74	3.66	3.56	3.53	3.49	3.48	3.55	3.70	3.76	3.82	3.65
1986	3.82	3.81	3.78	3.64	3.57	3.49	3.51	3.48	3.61	3.69	3.84	3.87	3.67
1987	3.85	3.81	3.76	3.66	3.58	3.52	3.48	3.49	3.64	3.79	3.83	3.81	3.68
1988	3.94	3.82	3.76	3.67	3.61	3.54	3.52	3.47	3.60	3.76	3.83	3.84	3.70
1989	3.81	3.59	3.81	3.73	3.68	3.63	3.55	3.53	3.58	3.73	3.75	3.87	3.70

1/ Fat tests are comparable with milk prices published on page 44.

Milk Production: Number Of Cows, Production Per Cow And Total Production Months, And Annual Average Maryland 1983 - 1989

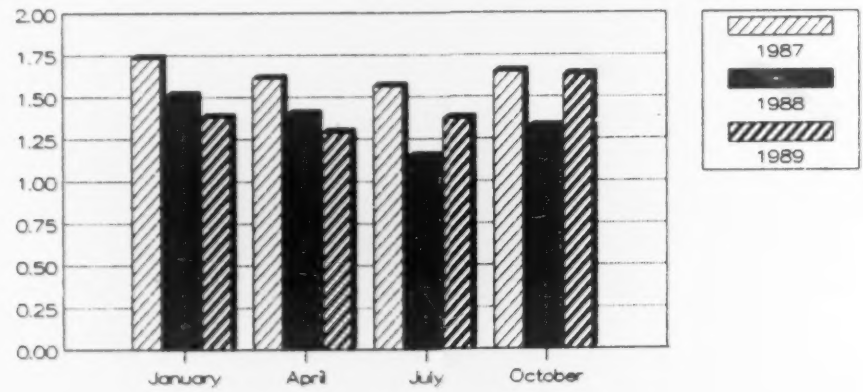
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
					Milk Cows On Farms -- Thous. Head 1/								
1983	121	120	119	119	120	119	121	122	121	121	122	120	120
1984	124	122	120	120	120	119	120	120	120	119	121	120	120
1985	121	122	117	116	116	116	115	118	120	120	121	123	119
1986	124	122	117	117	117	115	116	117	115	115	115	115	117
1987	116	115	115	113	110	108	105	105	105	105	107	109	109
1988	111	108	106	105	105	105	108	108	108	107	109	109	107
1989	109	106	104	104	104	103	101	102	102	103	104	106	104
					Production Per Milk Cow -- Pounds 2/								
1983	1,115	1,040	1,160	1,135	1,190	1,125	1,115	1,100	1,085	1,100	1,075	1,110	13,383
1984	1,065	1,025	1,100	1,085	1,110	1,040	1,050	1,040	1,035	1,060	1,040	1,060	12,750
1985	1,085	1,025	1,170	1,180	1,225	1,155	1,165	1,145	1,135	1,165	1,125	1,120	13,665
1986	1,135	1,040	1,215	1,215	1,265	1,165	1,155	1,155	1,130	1,130	1,085	1,150	13,846
1987	1,145	1,060	1,190	1,195	1,255	1,165	1,175	1,175	1,095	1,130	1,075	1,120	13,835
1988	1,080	1,075	1,180	1,170	1,200	1,150	1,050	1,050	1,110	1,160	1,110	1,100	13,463
1989	1,140	1,085	1,210	1,190	1,190	1,070	1,050	1,070	1,040	1,070	1,050	1,075	13,240
					Total Production -- Million Pounds 2/								
1983	135	125	138	135	143	134	135	134	131	133	131	132	1,606
1984	132	125	132	130	133	124	126	125	124	126	126	127	1,530
1985	131	125	137	137	142	134	134	135	136	140	136	138	1,625
1986	141	127	142	142	148	134	134	135	130	130	125	132	1,620
1987	133	122	137	135	138	126	123	123	115	119	115	122	1,508
1988	120	116	125	123	126	121	113	114	120	124	121	120	1,443
1989	124	115	126	124	124	110	106	109	106	110	109	114	1,377

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.

Grain & Concentrates Fed Daily per Milk Cow And Value Per Cwt Of Ration Fed Quarterly, Maryland 1983 - 1989

Year	January 1		April 1		July 1		October 1	
	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value
1983	17.0	8.40	15.6	8.35	15.5	8.60	15.5	9.35
1984	15.0	9.25	14.1	9.45	14.3	9.55	15.9	9.15
1985	15.0	8.55	16.5	8.45	15.3	8.10	16.0	8.00
1986	13.4	8.00	15.2	8.10	15.5	8.00	15.0	8.30
1987	15.8	7.60	16.3	7.60	15.9	7.90	15.5	7.75
1988	15.6	7.90	16.4	8.10	14.8	8.50	15.7	8.85
1989	15.7	9.10	16.4	9.35	15.0	9.10	15.0	9.00

UNITED STATES MILK–FEED PRICE RATO



Milk: Number Of Cows And Production By Counties, 1988 - 1989

County	1988		1989	
	Number Of Cows	Milk Produced	Number Of Cows	Milk Produced
	Head	Thous. Lb	Head	Thous. Lb
Allegany	900	16,000	900	15,600
Garrett	5,900	74,000	5,800	73,000
WESTERN	6,800	90,000	6,700	88,600
Baltimore	4,200	58,000	4,100	53,000
Carroll	13,500	240,000	12,900	235,000
Frederick	36,000	416,000	35,000	391,000
Harford	5,700	80,000	5,500	81,000
Howard	2,000	34,000	1,900	29,300
Montgomery	3,600	47,000	3,500	43,000
Washington	17,200	221,000	16,900	219,000
NORTH CENTRAL	82,200	1,096,000	79,800	1,051,300
Anne Arundel	200	3,000	200	2,900
Calvert	---	---	---	---
Charles	100	1,200	---	---
Prince George's	300	3,700	300	3,700
St. Mary's	500	6,000	500	5,800
SOUTHERN	1,100	13,900	1,000	12,400
Caroline	1,800	39,000	1,800	30,500
Cecil	5,100	66,000	5,000	64,000
Kent	4,000	61,000	3,900	60,000
Queen Anne's	3,300	40,000	3,200	37,000
Talbot	1,700	24,400	1,700	22,000
NORTHERN EASTERN SHORE	15,900	230,400	15,600	213,500
Dorchester	100	1,200	100	1,200
Somerset	400	4,800	300	3,500
Wicomico	200	2,800	200	2,700
Worcester	300	3,900	300	3,800
SOUTHERN EASTERN SHORE	1,000	12,700	900	11,200
Maryland	107,000	1,443,000	104,000	1,377,000

Manufactured Dairy Products: Production Of Specified Products, Maryland And D.C., By Months 1983 - 1989

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
						Ice Cream -- 1,000 Gallons							
1983	844	875	1,146	1,131	1,238	1,317	1,370	1,468	1,202	971	907	877	13,346
1984	1,118	1,113	1,481	1,411	1,491	1,685	1,625	1,646	1,337	1,423	1,244	999	16,572
1985	1,163	1,050	1,441	1,384	1,441	1,560	1,568	1,362	1,341	1,246	1,110	978	15,644
1986	980	1,163	1,363	1,526	2,075	2,101	1,861	1,647	1,908	1,744	1,419	1,395	18,881
1987	1,059	1,231	1,422	1,578	1,694	1,707	1,947	1,745	1,522	1,420	1,164	1,040	17,529
1988	946	1,145	1,345	1,255	1,308	1,495	1,568	1,462	1,304	1,161	962	1,134	15,085
1989	939	1,420	1,887	1,945	2,090	2,139	1,839	1,606	1,112	1,510	1,107	1,532	19,117
						Ice Cream Mix 1,000 Gallons							
1983	363	444	498	555	633	667	690	737	612	493	445	433	6,570
1984	566	562	733	699	758	838	788	806	666	723	601	486	8,226
1985	540	509	694	660	714	797	794	676	680	606	549	481	7,700
1986	384	450	547	561	801	812	767	648	680	668	563	552	7,433
1987	373	553	661	709	776	717	897	780	721	651	533	453	7,884
1988	436	554	597	561	595	670	688	646	576	519	442	509	6,793
1989	472	714	942	999	1,061	1,065	888	811	539	770	607	750	9,618
						Ice Milk -- 1,000 Gallons 1/							
1983	299	305	471	452	643	625	694	675	531	409	354	358	5,816
1984	360	389	469	518	628	759	689	696	485	537	417	409	6,356
1985	177	174	249	258	335	297	329	339	268	236	173	160	2,995
1986	349	338	505	554	723	653	728	715	516	507	415	373	6,376
1987	350	373	530	579	672	754	811	672	586	473	476	364	6,640
1988	303	350	431	448	473	588	546	635	526	435	353	355	5,443
1989	278	402	446	568	555	622	611	618	389	387	397	359	5,632
						Milk Sherbet -- 1,000 Gallons 1/							
1983	69	64	109	108	152	142	189	176	109	70	69	52	1,309
1984	66	68	95	107	140	220	174	151	127	122	76	49	1,385
1985	98	73	115	120	170	182	141	116	109	100	77	131	1,432
1986	43	50	58	113	171	148	171	140	111	97	83	79	1,364
1987	62	81	85	106	127	126	134	146	122	104	82	71	1,224
1988	69	93	134	99	117	163	169	162	133	130	88	89	1,446
1989	55	92	150	112	163	170	192	167	127	85	49	126	1,488
						Milk Sherbet Mix -- 1,000 Gallons							
1983	54	44	74	90	121	101	146	132	73	55	39	41	970
1984	51	49	71	85	118	174	125	114	93	85	58	38	1,061
1985	67	58	77	83	125	136	95	98	87	71	53	84	1,034
1986	36	39	47	89	159	125	166	134	96	75	59	55	1,080
1987	43	55	69	81	99	97	109	119	106	76	53	48	955
1988	51	65	100	75	86	120	127	142	109	104	58	61	1,098
1989 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
						Water Ices -- 1,000 Gallons							
1983	35	61	84	121	151	197	192	157	78	73	57	89	1,295
1984	32	33	114	175	175	193	167	114	59	62	59	89	1,272
1985	71	52	186	252	256	197	94	63	63	83	45	67	1,429
1986	201	219	355	442	497	508	478	316	226	237	192	219	3,884
1987	305	241	296	275	397	343	403	347	228	169	220	211	3,435
1988 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
1989 2/	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Includes hard, soft-serve and freezer-made milkshake.
2/ Not published to avoid disclosure of individual operations.

Number Of Dairy Plants Producing One Or More Non-Fluid Dairy Products, Maryland And D.C. 1982 - 1989

Year	Number Of Plants	Year	Number of Plants
1982	18	1986	25
1983	18	1987	26
1984	18	1988	23
1985	18	1989	19

Livestock Review

Maryland's cattle and calf inventory on January 1, 1990 totaled 315,000 head, down 13,000 head from a year earlier. Cattle and calf values increased $75 per head to an average of $755. The value per head on January 1, 1990 was up 11 percent from a year earlier and was the highest value since 1982's $685 per head value. Cash receipts from cattle and calf sales, at $76.2 million were up 13 percent from the previous year. The value of cattle more than offset the decline in inventory for the increase. Cash receipts from cattle and calf sales amounted to 8.8 percent of the total livestock cash receipts in Maryland and 5.7 percent of all agriculture cash receipts in the state.

The sheep and lamb inventory on January 1, 1990 totaled 32,000 head, down 9 percent or 3,000 head from a year earlier. The average value per head of sheep and lambs on January 1, 1990 was $96.00 down $11.00 from the year earlier value of $107.00 and the third highest value on records dating back to 1867. Wool production in Maryland during 1989 totaled 220,000 pounds, up 12 percent from the 1988 production of 197,000 pounds and the highest production since 1959's 230,000 pounds produced. Sheep shorn for wool at 29,000 head increased 1,000 head and the average fleece weight at 7.7 pounds ties the record for 1987.

The December 1, 1989 inventory of all hogs and pigs totaled 180,000 head, up 6 percent from the 1988 inventory of 170,000 head. The number of breeding hogs on hand at 25,000 was down 7 percent, 2,000 head from the 27,000 head a year earlier. Market hogs on December 1, 1989 numbered 155,000 head, 8 percent above the 143,000 on hand in 1988. A total of 40,000 sows farrowed during 1989 bearing an average of 7.2 pigs per litter. The pig crop for 1989 was 289,000 pigs, down 9 percent from the year earlier pig crop of 319,000 pigs. A decrease in sows farrowed of 4,000 to 40,000 and a decrease in pigs per litter caused the decreased pig crop. The average value per head of all hogs and pigs on December 1, 1990 was $88.00 per head, up $19.00 from 1989's $69.00 average. Cash receipts for 1989 hogs totaled $23.3 million, 2.3 percent of the cash receipts for livestock and livestock produces, and 1.7 percent of the cash receipts for all agriculture commodities.

Livestock: Number By Classes, Maryland 1985-90 Cattle & Sheep

Species And Class	1985	1986	1987	1988	1989	1990
				1,000 Head		
All Cattle and Calves - January 1	390	370	330	320	328	315
Cows and heifers that have calved	200	195	173	166	169	162
Beef Cows	79	71	57	55	60	56
Milk Cows	121	124	116	111	109	106
Heifers 500 pounds and over	80	78	65	66	67	61
For beef cow replacement	14	13	11	13	17	15
For milk cow replacement	54	53	47	44	43	40
Other heifers	12	12	7	9	7	6
Steers 500 pounds and up	31	26	21	22	21	22
Bulls 500 pounds and up	8	6	5	5	7	6
Heifers, steers and bulls under 500 pounds	71	65	66	61	64	64
Calves born during year	180	175	160	155	160	155
Cattle on Feed	18	20	12	14	12	12
All Sheep and Lambs - January 1	16	20	25	34	35	32
Ewes one year and older	11	14	16	22	23	21.2
Rams and wethers one year and older	2	3	3	3	3	3.8
Ewe lambs	2	2	4	6	7	5.1
Wether and ram lambs	1	1	2	3	2	1.9
Lambs saved during year	14	17	16	21	22	23

Species And Class	1985	1986	1987	1988	1989	1990
All Hog and Pigs - December 1	215	205	190	220	170	180
Breeding hogs	34	30	30	25	27	25
Market Hogs	181	175	160	195	143	155
under 60 pounds	65	60	61	25	55	57
60-119 pounds	40	40	34	70	40	43
120-179 pounds	36	45	38	81	33	27
180 pounds and over	40	30	27	19	15	28

Number Of Livestock Farms, By Type, Maryland 1982 - 1989

Year	Farms With Cattle	Farms With Milk Cows	Farms With Hogs & Pigs	Farms With Sheep & Lambs
1982	8,100	2,500	3,000	950
1983	8,100	2,300	2,500	1,000
1984	8,100	2,300	2,500	1,000
1985	8,100	2,200	2,200	1,000
1986	7,900	2,100	1,900	900
1987	7,900	2,000	1,800	1,000
1988	7,900	2,000	1,700	1,100
1989	7,900	2,000	1,500	1,200

Livestock On Farms, Inventory And Value Of Species, Maryland, January 1, 1982 - 1990

Year	All Cattle & Calves			All Hogs And Pigs 1/		
	Number	Value		Number	Value	
		Per Head	Total		Per Head	Total
	Thous. Head	Dollars	Thous. Dollars	Thous. Head	Dollars	Thous. Dollars
1982	405	685	277,425	250	67.50	16,875
1983	390	620	241,800	200	87.00	17,400
1984	405	565	228,825	200	67.00	13,400
1985	390	570	222,300	215	75.00	16,125
1986	370	580	214,600	205	68.00	13,838
1987	330	575	189,750	190	94.00	17,860
1988	320	660	211,200	220	76.00	16,720
1989	328	680	223,040	170	69.00	11,730
1990	315	755	237,825	180	88.00	15,840

1/ December 1 of preceding year.

Sheep And Lambs, January 1, 1981 - 1990

Year	Number	Value	
		Per Head	Total
	Thous. Head	Dollars	Thous. Dollars
1981	19	66.50	1,264
1982	19	77.50	1,473
1983	18	71.00	1,278
1984	17	65.50	1,114
1985	16	79.00	1,264
1986	20	94.00	1,880
1987	25	100.00	2,500
1988	34	93.00	3,162
1989	35	107.00	3,745
1990	32	90.00	3,072

Milk Cows: Percent Of Operations And Inventory By Size Group Maryland, 1986 - 1989

Size Group No.	1986		1987		1988		1989	
	Farms	Inventory	Farms	Inventory	Farms	Inventory	Farm	Inventory
	Percent							
1 - 29	33.3	5.1	34.0	4.4	32.0	4.1	4.7	32.5
30 - 49	16.7	10.3	16.5	10.6	16.5	10.6	11.3	17.0
50 - 99	30.5	34.2	31.5	35.4	32.0	33.0	34.9	32.0
100 +	19.5	50.4	18.0	49.6	19.5	52.3	49.1	18.5

Sows Farrowed, Pigs Per Litter And Pig Crops: Maryland, 1983 - 1989

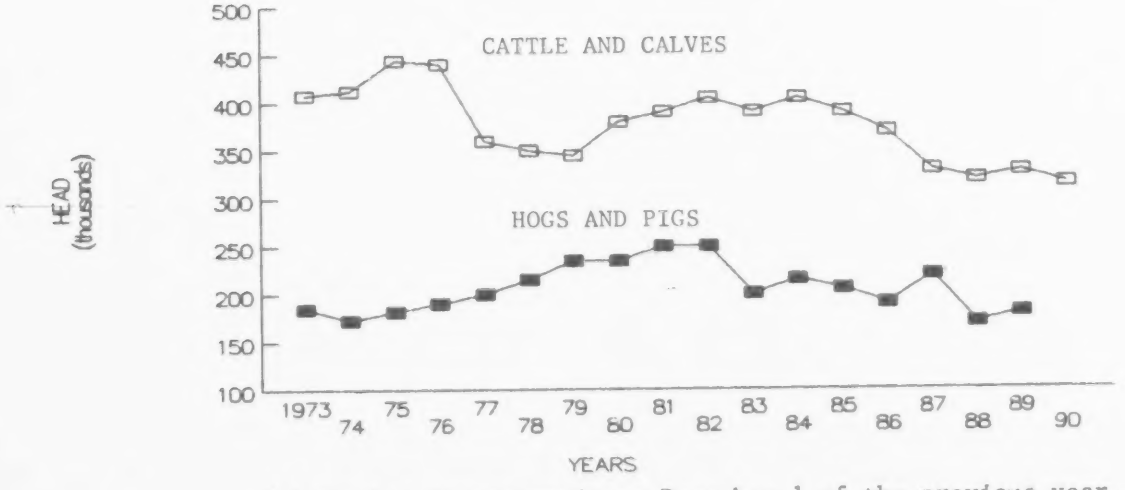
Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec-May	Jun-Nov	Annual Total	Dec-May	Jun-Nov	Annual Average	Dec-May	Jun-Nov	Annual Total
	Thous. Head			Number			Thous. Head		
1983	26	22	48	7.1	7.8	7.4	185	172	357
1984	27	27	54	7.8	7.6	7.7	211	205	416
1985	25	27	52	8.2	7.4	7.8	205	200	405
1986	21	23	44	7.2	7.1	7.1	151	163	314
1987	25	27	52	6.8	7.3	7.1	170	197	367
1988	20	24	44	7.4	7.2	7.3	147	172	319
1989	19	21	40	7.0	7.4	7.2	133	156	289

Wool: Production, Price And Value, Maryland, 1983 - 1989

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value Of Production
	Thous. Head	Pounds	Thous. Pounds	Cents	Thous.Dollars
1983	16	7.4	118	49	58
1984	15	7.0	105	75	79
1985	14	7.6	106	57	60
1986	17	7.3	124	68	84
1987	24	7.7	185	63	117
1988	28	7.0	197	87	171
1989	29	7.7	220	75	165

1/ Revised.

HOG AND CATTLE INVENTORY 1/



1/ The hog inventory is on December 1 of the previous year.

Meat Animals: Inventory, Supply And Disposition, Maryland, 1984 - 1989

Species And Year	On Hand First Of Year	Births	Inship-ments	Market-ings 2/	Farm Slaughter 3/	Deaths	On Hand End Of Year
				Thous. Head			
Cattle And Calves 1/							
1984	405	180	9	183	2	19	390
1985	390	175	9	184	2	18	370
1986	370	160	9	189	2	18	330
1987	330	155	8	152	3	18	320
1988	320	160	10	142	2	18	328
1989	328	155	7	156	2	17	315
Hogs And Pigs 1/							
1984	200	416	20	396	3	22	215
1985	215	405	22	418	4	15	205
1986	205	314	21	335	3	12	190
1987	190	367	22	346	3	10	220
1988	220	319	17	365	5	16	170
1989	170	289	17	281	5	10	180
Sheep And Lambs 1/							
1984	17	14	2	13	1	3	16
1985	16	17	5	14	1	3	20
1986	20	16	4	11	1	3	25
1987	25	21	6	14	1	3	34
1988	34	22	3	19	1	4	35
1989	35	23	1	22	0	5	32

1/ Cattle and calves and sheep and lambs - January 1 to January 1; hogs and pigs - December 1 to December 1.
2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.
3/ Excludes custom slaughter for farmers at commercial establishments.

Meat Animals: Production And Income, Maryland 1984 - 1989

Species And Year	Produc-tion 1/	Market-ings 2/	Average Price Per 100 Pounds		Value Of Pro-duction	Cash Receipts 3/	Home Consump-tion	Gross Income
	Thous. Pounds		Dollars			Thous. Dollars		
			Cattle	Calves				
Cattle And Calves								
1984	116,640	127,390	51.60	64.50	63,054	68,634	3,803	72,437
1985	115,860	132,550	47.60	61.80	59,183	67,162	3,531	70,693
1986	99,665	136,520	46.10	57.90	49,104	66,399	3,400	69,799
1987	105,945	109,510	54.20	67.80	60,472	62,489	4,548	67,037
1988	109,765	103,790	61.40	78.20	71,134	67,188	4,540	71,728
1989	105,520	115,500	62.80	79.10	70,130	76,234	4,634	80,868
Hogs And Pigs								
1984	82,720	82,075	48.00		40,834	41,004	497	41,501
1985	85,775	87,605	44.40		38,958	40,217	613	40,830
1986	66,190	68,465	48.40		32,929	34,498	501	34,999
1987	77,185	71,865	50.10		39,474	37,313	519	37,832
1988	62,243	70,528	42.10		27,022	30,858	710	31,568
1989	55,932	53,408	41.80		23,990	23,260	705	23,965
Sheep And Lambs			Sheep-Lambs					
1984	1,087	1,230	20.00	58.60	539	570	105	675
1985	1,415	1,120	19.50	63.60	750	655	172	827
1986	1,264	940	22.00	67.40	728	575	121	696
1987	1,862	1,250	25.30	75.90	1,063	817	137	954
1988	1,914	1,913	23.30	71.10	934	936	128	1,064
1989	1,903	2,254	28.00	67.70	1,130	1,330	0	1,330

1/ Adjustments made for changes in inventory and for inshipments.
2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.
3/ Receipts from marketings and sale of farm slaughter.

Commercial Livestock 1/: Maryland And Delaware, 1988 - 1989

Species And Month	1988			1989		
	Number Of Head Slaughtered	Average Liveweight	Liveweight	Number Of Head Slaughtered	Average Liveweight	Total Liveweight
	Thous.	Pounds	Thous. Lb	Thous.	Pounds	Thous. Lb
Cattle						
January	4.0	1,159	4,655	4.3	1,150	4,984
February	4.1	1,176	4,791	3.6	1,173	4,238
March	4.7	1,182	5,508	3.9	1,181	4,570
April	3.7	1,196	4,469	3.7	1,185	4,346
May	4.0	1,186	4,770	4.0	1,184	4,770
June	4.1	1,189	4,916	3.7	1,187	4,440
July	3.3	1,166	3,858	3.3	1,192	3,966
August	4.4	1,186	5,194	3.8	1,191	4,581
September	4.1	1,166	5,781	3.8	1,196	4,494
October	4.3	1,154	4,968	4.1	1,152	4,721
November	4.4	1,154	5,113	4.4	1,135	4,993
December	4.2	1,160	4,883	3.6	1,173	4,239
Total 2/	49.4	1,173	57,906	46.3	1,174	54,344
Calves						
January	1.7	365	610	2.7	369	1,014
February	1.6	374	610	2.3	381	874
March	1.8	376	671	2.5	389	959
April	1.3	376	484	2.8	380	1,059
May	2.0	368	743	3.3	381	1,260
June	1.9	370	705	2.8	382	1,054
July	1.2	373	458	2.4	394	956
August	1.8	375	685	2.3	390	904
September	2.2	375	824	2.3	387	872
October	2.4	373	896	2.8	379	1,051
November	3.2	384	1,224	3.0	387	1,141
December	2.8	381	1,068	3.2	377	1,208
Total 2/	23.9	375	8,976	32.3	383	12,351
Hogs						
January	18.3	226	4,126	20.6	224	4,606
February	19.6	225	4,395	16.3	221	3,605
March	20.0	221	4,419	16.9	224	3,774
April	18.0	219	3,934	15.6	227	3,541
May	21.4	223	4,751	17.5	223	3,900
June	19.3	216	4,161	17.8	222	3,967
July	17.4	211	3,668	16.9	215	3,627
August	19.4	214	4,158	18.7	213	3,970
September	21.3	212	4,530	18.5	216	4,006
October	21.6	218	4,699	19.0	221	4,188
November	22.4	215	4,821	20.0	215	4,296
December	21.9	203	4,446	22.4	212	4,736
Total 2/	240.4	217	52,109	220.1	219	48,217
Sheep And Lambs						
January	1.2	108	134	1.4	114	162
February	1.2	111	139	1.2	111	132
March	1.6	110	175	1.6	107	173
April	1.3	103	132	1.5	100	147
May	1.5	105	154	1.6	96	155
June	1.7	104	173	1.6	99	157
July	2.0	108	218	1.7	101	168
August	2.2	107	231	2.1	102	212
September	1.7	105	184	1.9	101	191
October	1.8	106	186	1.7	100	170
November	1.6	105	166	1.8	100	183
December	1.6	107	171	1.8	101	186
Total 2/	19.4	107	2,063	19.9	102	2,035

1/ Includes slaughter under federal inspection and other commercial slaughter; excludes farm slaughter.
2/ May not add due to rounding.

Prices, Income And Labor Review

Average prices received by Maryland farmers for 1989 production were mixed. Grain season average prices for 1989 were down for all grains except barley and rye. Livestock average prices for 1989 were above 1988 for all classes except hogs which were below 1988. Chickens excluding broilers, egg, and milk prices were also above the previous received for 1988.

Total cash receipts for all farm commodities for 1989, at $1.347 billion, were up 10 percent above 1988's total cash receipts of $1.224 billion. Cash receipts from broilers at $448.9 million accounted for 33.3 percent of the 1989 total cash receipts. The average price received for broilers in 1989, at 40.5 cents per pound was 4 cents per pound above last year's 36.5 cents per pound and 3 cents above the previous record 37.5 cents received in 1986. Cash receipts from livestock and livestock products at $870.7 million was 13 percent above last year's $767.5 million and made up 64.6 percent of the state's total cash receipts for 1989. Cash receipts for field crops at $237.2 million increased 9 percent from a year earlier and made up 17.6 percent of the total cash receipts. Receipts were up for all field crops except for barley, hay and tobacco. Soybean cash receipts for 1989 at $93.8 million increased 5 percent from 1988's $89.3 million. Corn cash receipts totaled $67.8 million, up 39 percent from the $48.6 million receipts for 1988. Cash receipts for wheat, oats, and rye were up 4, 10 and 5 percent while barley was down 23 percent from a year earlier. Hay cash receipts were down 7 percent from 1988. Vegetable cash receipts for 1989 at $50.0 million decreased 4 percent from 1988's $51.9 million. Cash receipts for other vegetables which increased 13 percent more than offset declines for tomatoes, cucumbers, sweet potatoes and sweet corn.

Net farm income for 1989 was a record $402.7 million. This was 5 percent above the previous record $385.7 million set in 1988 and 19 percent above the $338.1 million received in 1987.

Average Prices Received By Farmers, Maryland, 1985 - 1989

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
Corn--Dollars Per Bushel													
1985	2.87	2.90	2.90	2.98	2.93	2.91	2.71	2.59	2.37	2.28	2.39	2.56	2.43
1986	2.60	2.54	2.52	2.61	2.56	2.30	1.99	1.79	1.79	1.80	1.82	1.82	1.81
1987	1.77	1.72	1.73	1.80	1.95	2.00	1.85	1.76	1.90	1.99	2.02	2.08	2.15
1988	2.18	2.22	2.24	2.25	2.30	2.31	3.69	3.12	3.14	3.13	2.97	2.98	3.02
1989	3.02	2.97	2.98	2.91	2.95	2.88	2.88	2.69	2.58	2.58	2.60	2.62	2.65 2/
Barley--Dollars Per Bushel													
1985	2.06	2.11	2.07	2.01	1.85	1.54	1.47	1.45	1.46	1.46	1.47	1.43	1.51
1986	1.50	1.54	1.58	1.48	1.51	1.37	1.22	1.26	1.29	1.36	1.44	1.48	1.35
1987	1.47	1.51	1.45	1.40	1.46	1.19	1.22	1.20	1.24	1.32	1.34	1.50	1.24
1988	1.51	1.61	1.57	1.60	1.69	1.73	2.10	2.09	2.14	2.21	2.34	2.27	1.91
1989	2.41	2.38	2.32	2.19	2.29	2.02	1.94	1.88	1.87	1.90	1.94	2.04	2.00 2/
Oats--Dollars Per Bushel													
1985	1.94	1.97	2.00	1.95	1.95	1.87	1.46	1.14	1.21	1.18	1.17	1.21	1.36
1986	1.26	1.22	1.25	1.13	1.11	1.06	1.01	1.09	1.00	1.01	1.01	1.01	1.07
1987	1.15	1.26	1.39	1.36	1.46	1.28	1.22	1.06	1.12	1.35	1.49	1.50	1.30
1988	1.68	1.84	1.82	1.88	1.83	2.00	2.37	2.17	2.30	2.30	2.29	2.27	2.29
1989	2.36	2.46	2.42	2.34	2.33	2.15	1.53	1.40	1.35	1.35	1.55	1.68	1.60 2/
Wheat--Dollars Per Bushel													
1985	3.14	3.22	3.21	3.19	3.17	3.08	2.85	2.64	2.68	2.83	3.12	3.12	2.91
1986	3.30	3.23	3.30	3.27	3.07	3.37	2.41	2.34	2.39	2.51	2.40	2.95	2.48
1987	3.05	2.87	3.00	3.05	3.02	2.48	2.40	2.46	2.73	2.95	2.86	2.77	2.55
1988	3.15	3.12	2.90	2.99	3.00	3.48	3.54	3.52	3.77	3.93	3.91	4.06	3.65
1989	4.27	4.03	4.05	3.84	4.02	3.77	3.48	3.51	3.62	3.72	3.71	3.80	3.55 2/
Rye--Dollars Per Bushel													
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
1988	1.93	1.88	1.73	1.69	1.83	1.55	1.55	1.54	2.36	3.14	4.55	3.84	2.01
1989	4.50	3.87	4.55	3.58	3.61	3.22	2.88	2.81	2.85	2.98	2.97	2.61	2.85 2/
Soybeans--Dollars Per Bushel													
1985	5.80	5.90	5.87	6.02	5.73	5.66	5.46	5.03	4.96	4.89	4.90	5.10	5.01
1986	5.28	5.16	5.30	5.10	5.06	4.92	4.85	4.63	4.62	4.60	4.86	4.82	4.84
1987	4.88	4.83	4.84	5.10	5.31	5.60	5.25	5.06	5.22	5.28	5.50	5.85	5.90
1988	6.11	6.13	6.18	6.64	7.19	8.87	8.66	.37	8.49	7.81	7.54	7.56	7.57
1989	7.75	7.35	7.60	7.24	7.24	7.10	7.13	6.16	5.64	5.41	5.59	5.67	5.55 2/
Apples, Fresh Market--Cents Per Pound													
1985	14.8	16.3	16.7	17.1	17.5	----	13.3	13.3	16.1	11.8	13.3	15.2	13.9
1986	13.3	13.3	13.3	14.8	15.5	----	----	12.5	14.0	17.0	14.5	15.0	15.5
1987	15.0	13.0	19.0	22.0	25.0	----	----	20.0	18.0	13.0	13.0	12.0	14.7
1988	12.0	14.0	17.0	19.0	21.0	----	----	----	21.0	22.0	22.0	21.0	17.2
1989	18.5	11.5	11.5	13.5	11.5	----	----	20.0	31.0	24.4	22.2	20.2	16.6 2/
All Hay--Dollars Per Ton													
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.00	82.00	83.00	84.50
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	116.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	96.00
1988	95.00	95.00	92.00	99.00	93.00	97.00	105.00	105.00	122.00	108.00	111.00	103.00	100.00
1989	100.00	95.00	97.00	95.00	96.00	96.00	87.00	81.00	96.00	94.00	103.00	95.00	91.00 2/

1/ Marketing seasons at end of table.
2/ Preliminary.

Average Prices Received By Farmers, Maryland, 1985 - 1989 -- Continued

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
Alfalfa Hay--Dollars Per Ton													
1985	105.00	115.00	100.00	110.00	95.00	90.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	139.00	140.00	127.50
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	104.00
1988	100.00	100.00	100.00	109.00	103.00	105.00	115.00	123.50	142.50	133.50	127.00	120.00	115.00
1989	123.00	106.50	114.00	105.50	111.50	107.50	98.00	97.00	116.00	119.50	112.50	110.00	111.00 2/
All Other Hay--Dollars Per Ton													
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	73.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	106.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	88.00
1988	80.00	90.00	85.00	90.00	84.00	90.00	97.50	90.00	105.00	86.50	98.00	88.50	91.00
1989	81.00	85.50	82.50	87.00	82.50	86.00	78.50	67.00	79.50	74.00	95.00	82.00	80.00 2/
Beef Cattle, All--Dollars Per Cwt													
1985	50.40	52.30	51.80	50.10	48.50	45.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20
1988	59.50	61.10	60.00	62.30	63.90	61.40	61.60	60.59	63.20	62.10	60.20	61.10	61.40
1989	61.80	62.90	63.40	61.70	64.20	63.10	62.00	61.80	64.50	61.40	62.80	63.60	62.80 2/
Steers And Heifers--Dollars Per Cwt													
1985	56.00	57.50	57.00	55.70	52.60	49.90	48.90	47.70	45.80	46.40	56.00	54.40	52.40
1986	52.70	50.00	51.00	48.70	50.00	49.70	50.00	53.00	54.00	51.00	52.00	51.20	51.10
1987	52.70	55.00	56.50	60.00	62.30	61.30	61.00	60.00	62.00	64.00	64.90	59.90	60.10
1988	65.80	67.90	66.30	68.40	70.00	69.00	68.70	66.40	74.50	68.60	65.90	68.40	68.30
1989	69.90	70.50	71.90	69.40	70.90	70.30	67.70	68.70	73.70	67.60	69.70	70.70	70.10 2/
Cows--Dollars Per Cwt 3/													
1985	40.00	42.60	42.00	39.80	41.00	39.80	39.96	36.50	36.00	35.80	36.50	36.60	38.80
1986	38.50	38.00	36.20	35.00	34.10	38.10	35.90	37.20	37.50	36.70	37.50	36.40	36.80
1987	38.50	69.90	41.50	43.50	46.40	46.30	45.50	41.00	44.70	42.50	44.00	45.00	43.30
1988	47.90	48.60	47.20	51.00	52.60	47.40	48.30	49.50	42.10	50.00	49.60	48.20	48.60
1989	46.80	48.70	47.70	47.30	51.60	49.60	51.50	49.10	47.30	49.80	49.90	50.50	49.10 2/
Calves--Dollars Per Cwt													
1985	64.00	66.00	65.00	63.90	66.00	64.70	58.70	55.10	56.00	60.20	62.00	59.50	61.80
1986	59.90	59.10	61.00	59.00	55.70	62.00	59.20	55.00	58.80	56.00	56.00	55.00	57.90
1987	56.60	58.00	60.00	63.00	73.00	72.10	74.20	76.00	73.30	74.00	71.20	73.50	67.80
1988	79.40	81.40	73.40	79.10	82.10	80.80	80.80	79.00	85.00	75.60	78.20	77.10	78.20
1989	85.70	81.00	77.50	83.70	75.30	92.50	76.60	77.50	75.66	79.30	73.50	73.00	79.10 2/
All Hogs--Dollars per Cwt													
1985	47.60	49.50	43.70	39.90	40.50	43.10	47.80	44.60	40.00	43.40	43.40	43.70	44.40
1986	45.00	43.90	40.00	39.30	43.20	48.30	5.50	57.10	59.10	51.30	52.60	52.40	48.40
1987	46.40	48.20	45.40	48.20	53.00	55.20	55.00	56.60	54.70	47.70	43.50	40.90	50.10
1988	41.70	46.30	43.30	42.60	44.40	47.90	44.60	46.40	41.40	39.80	38.30	37.10	42.10
1989	42.10	40.00	38.90	36.80	39.60	44.50	45.50	44.80	42.50	45.30	45.00	47.10	41.90 2/
Barrows-Gilts--Dollars Per Cwt													
1985	48.20	50.10	44.00	40.10	40.60	43.70	44.60	45.40	40.50	44.20	44.00	45.10	44.90
1986	45.80	44.70	40.50	39.70	44.00	49.50	50.30	59.10	59.90	52.00	53.10	53.20	49.30
1987	47.00	49.00	46.00	49.00	54.00	56.60	50.50	57.90	55.60	48.00	44.00	40.90	51.50
1988	42.00	46.50	43.40	42.80	44.50	48.00	44.70	46.50	41.50	39.90	38.40	38.20	43.20
1989	43.20	40.60	39.80	37.60	41.20	45.30	46.80	46.10	43.30	46.20	45.80	48.00	42.90 2/

1/ Marketing seasons at end of table.
2/ Preliminary.
3/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.

Average Prices Received By Farmers, Maryland, 1985 - 1989 -- Continued

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season Average 1/
Broilers--Cents Per Pound													
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.5	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
1988	29.5	28.5	32.0	30.5	39.0	42.0	42.0	45.0	47.0	39.0	37.0	39.0	36.5
1989	40.0	39.0	41.0	42.0	49.0	46.0	41.0	38.0	41.0	33.0	34.0	31.0	40.5
Chickens, Excluding Broilers--Cents Per Pound													
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	17.0	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
1988	4.2	4.1	4.5	5.5	3.5	3.5	8.5	21.0	19.5	19.0	20.0	15.0	9.0
1989	13.5	16.5	20.5	22.0	19.0	14.5	13.5	16.5	13.5	16.0	20.6	17.6	17.0
Total Eggs--Cents Per Dozen 4/													
1985	66.0	61.0	65.0	62.0	61.0	62.0	64.0	64.0	67.0	69.0	71.0	70.0	65.0
1986	70.0	67.0	72.0	62.0	60.0	58.0	63.0	65.0	64.0	64.0	70.0	69.0	65.0
1987	62.0	59.0	58.0	58.0	55.0	53.0	55.0	54.0	64.0	53.0	55.0	52.0	58.0
1988	47.0	52.0	56.0	52.0	50.0	53.0	59.0	64.0	66.0	64.0	61.0	60.3	56.0
1989	69.9	63.3	84.0	71.6	68.7	68.5	69.5	72.2	77.2	76.2	83.3	79.1	72.0
Wholesale Milk--Dollars Per Cwt 5/													
1985	14.50	14.20	13.80	13.40	12.90	12.50	12.50	12.40	12.60	12.90	13.00	13.00	13.10
1986	13.00	12.90	12.70	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.90	14.00	12.90
1987	14.00	13.60	13.20	12.80	12.50	12.50	12.70	12.80	13.30	13.50	13.60	13.40	13.10
1988	13.50	13.10	12.80	12.30	12.10	12.00	12.20	12.50	13.20	13.80	14.30	14.50	13.00
1989	14.50	14.40	13.80	13.30	13.10	13.40	13.50	14.10	14.80	15.80	16.50	17.10	14.50
Milk Cows--Dollars Per Head													
1985	920	--	--	910	--	--	910	--	--	900	--	--	910
1986	915	--	--	870	--	--	900	--	--	895	--	--	895
1987	890	--	--	950	--	--	950	--	--	1,000	--	--	950
1988	1,000	--	--	1,050	--	--	1,030	--	--	1,010	--	--	1,020
1989	1,040	--	--	1,070	--	--	1,090	--	--	1,100	--	--	1,080

1/ Marketing seasons at end of table.
4/ Includes eggs sold wholesale, retail, and hatching eggs.
5/ Average price, F.O.B. plant or receiving station.

Marketing Season For Maryland Commodities

Apples:	July 1 to June 30
Barley:	June 1 to May 31
Corn For Grain:	September 1 to August 31
Hay:	June 1 to May 31
Oats:	June 1 to May 31
Peaches:	July 1 to September 30
Potatoes:	July 1 to December 31
Rye:	July 1 to June 30
Soybeans:	September 1 to August 31
Sweet Potatoes:	September 1 to August 31
Tobacco:	April 1 (following year of production) through March 31
Wheat:	June 1 to May 31
Cattle & Calves:	January 1 to December 31
Hogs:	December 1 to November 30
Poultry:	December 1 to November 30
Eggs:	December 1 to November 30

Index Numbers: Prices Received By Farmers, Maryland 1984-1989 (1977=100)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average 1/
							All Commodities						
1984	148	149	150	143	144	141	140	132	131	126	128	124	138
1985	131	132	128	125	126	128	124	120	122	118	125	122	125
1986	126	122	123	122	125	126	134	133	129	131	126	119	126
1987	116	118	114	116	118	115	115	122	117	111	116	114	116
1988	119	118	122	120	133	141	149	150	155	144	140	143	136
1989	146	142	145	145	155	151	145	140	145	135	139	136	144
							All Crops						
1984	128	134	138	137	139	136	126	117	115	109	109	107	125
1985	108	109	116	116	112	113	110	101	101	98	101	105	108
1986	106	104	105	104	99	93	87	86	87	88	90	90	95
1987	78	85	88	91	96	96	92	88	91	91	93	95	90
1988	98	100	101	106	110	120	141	130	132	129	125	125	118
1989	125	119	122	125	125	122	123	118	117	114	115	115	120
							All Livestock And Livestock Products						
1984	159	158	156	147	146	144	148	141	140	136	139	133	146
1985	145	144	134	130	135	136	132	130	133	129	138	132	135
1986	138	131	134	132	139	145	160	160	152	155	147	135	144
1987	137	136	129	131	131	126	129	140	131	123	129	124	131
1988	130	128	133	129	147	153	154	161	168	152	149	153	146
1989	158	154	158	157	172	167	156	152	161	148	152	148	160
							Dairy Products						
1984	138	134	133	131	131	130	130	132	135	138	141	138	134
1985	139	137	133	129	124	120	120	119	121	124	125	125	126
1986	125	123	122	119	118	117	119	121	126	130	134	135	124
1987	135	131	127	123	120	120	122	123	128	130	131	129	127
1988	130	126	123	118	116	115	117	120	127	133	138	139	125
1989	139	138	133	128	126	129	130	136	142	152	159	164	140
							Meat Animals						
1984	152	150	158	161	155	153	157	159	148	143	148	145	152
1985	149	154	147	140	139	138	137	133	126	132	142	140	140
1986	141	124	133	129	132	142	150	152	156	144	146	144	141
1987	141	147	146	155	167	172	172	168	168	162	157	151	159
1988	161	170	162	166	172	171	168	168	168	162	158	158	165
1989	167	165	163	161	164	174	168	167	168	168	168	171	167
							Poultry And Eggs						
1984	175	175	171	154	155	152	158	144	142	133	135	127	152
1985	147	146	133	128	140	146	139	137	143	131	145	135	139
1986	145	135	142	140	154	164	188	186	168	174	155	133	157
1987	138	136	126	130	130	119	124	145	125	110	122	115	127
1988	123	119	134	127	161	173	174	186	194	162	154	161	156
1989	167	162	173	175	203	191	171	159	172	140	145	133	166
							Grains And Hay 2/						
1984	150	163	166	172	172	169	165	148	144	129	129	128	153
1985	129	131	130	133	130	129	120	108	107	104	109	115	120
1986	118	116	115	118	115	103	92	85	86	87	89	90	101
1987	66	87	87	89	94	92	87	84	90	94	96	98	89
1988	102	104	104	105	106	109	162	141	144	143	137	138	125
1989	139	136	137	133	135	132	130	122	119	120	121	122	129
							Soybeans						
1984	126	130	141	143	151	143	118	109	107	106	108	104	124
1985	104	106	105	108	103	102	98	90	89	88	88	88	97
1986	95	93	95	92	91	88	87	83	83	83	87	87	89
1987	88	87	87	92	99	101	94	91	94	95	99	105	94
1988	110	110	111	119	129	159	155	150	152	140	135	136	133
1989	139	132	136	130	130	127	128	111	101	97	100	102	119
							Tobacco						
1984	121	121	111	84	84	84	84	84	84	84	84	84	92
1985	91	91	134	121	111	125	125	125	125	125	125	125	119
1986	122	122	123	112	91	91	91	115	115	115	115	115	111
1987	103	103	103	103	103	103	103	103	103	103	103	103	103
1988	103	103	103	109	109	109	109	109	109	109	109	109	107
1989	109	109	109	140	140	140	140	140	140	140	140	140	132
							Fruit						
1984	117	117	130	127	127	127	127	127	135	140	132	124	128
1985	116	123	125	127	129	129	142	130	139	118	125	134	128
1986	125	125	125	132	136	124	124	107	117	130	118	120	124
1987	110	100	129	143	157	157	157	134	124	100	100	96	126
1988	96	105	119	129	138	138	138	138	137	146	146	137	131
1989	110	77	101	110	101	101	119	167	208	176	166	156	133

1/ Annual average based on unrounded monthly indexes.
2/ Excludes soybeans.

Commodity-Feed Price Ratios, By Month, Maryland, 1984 - 1989

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average 1/
							Hog-Corn ratio 2/						
1984	15.0	13.2	12.4	12.1	12.3	13.0	14.4	15.4	14.5	15.7	17.1	17.8	13.6
1985	16.6	17.1	15.1	13.4	13.8	14.8	17.6	17.2	16.9	19.0	18.2	17.1	16.5
1986	17.3	17.3	15.9	15.1	16.9	21.0	28.9	32.2	33.0	28.5	28.9	28.2	23.6
1987	26.2	28.0	26.2	26.8	27.2	27.6	31.4	32.2	28.8	24.0	21.5	19.7	23.3
1988	19.1	20.9	19.3	18.9	19.3	20.7	12.1	14.9	13.2	12.7	12.9	12.4	13.8
1989	13.9	13.5	13.1	12.6	13.4	15.5	15.8	16.7	16.5	17.6	17.3	18.0	15.8
							Milk-Feed Ratio 3/						
1984	1.44	1.41	1.38	1.38	1.38	1.38	1.44	1.51	1.51	1.66	1.71	1.73	1.49
1985	1.76	1.73	1.73	1.63	1.57	1.57	1.56	1.55	1.58	1.57	1.64	1.57	1.62
1986 6/	1.48	--	--	1.48	--	--	1.51	--	--	1.75	--	--	1.57
1987 6/	1.73	--	--	1.61	--	--	1.56	--	--	1.65	--	--	1.63
1988 6/	1.51	--	--	1.40	--	--	1.15	--	--	1.32	--	--	1.34
1989 6/	1.38	--	--	1.29	--	--	1.37	--	--	1.63	--	--	1.44
							Egg-Feed Ratio 4/						
1984	10.0	9.4	7.7	8.7	7.5	6.4	6.0	6.1	5.8	5.8	6.2	6.6	7.2
1985	6.4	6.1	6.6	6.3	6.6	7.2	7.4	7.7	8.1	8.1	9.2	9.3	7.0
1986 6/	7.2	--	--	6.4	--	--	6.9	--	--	7.0	--	--	7.0
1987 6/	7.3	--	--	6.6	--	--	5.7	--	--	6.0	--	--	6.5
1988 6/	5.6	--	--	5.2	--	--	4.9	--	--	5.3	--	--	5.3
1989 6/	6.0	--	--	6.3	--	--	6.2	--	--	7.2	--	--	5.8
							Broiler-Feed Ratio 5/						
1984	3.7	3.7	3.4	2.9	3.0	2.9	3.3	3.0	2.7	2.5	2.8	2.6	3.1
1985	3.1	3.4	2.8	2.7	3.2	3.3	3.3	3.4	3.2	3.2	2.8	3.1	3.1
1986 6/	3.2	--	--	3.1	--	--	4.5	--	--	4.4	--	--	3.7
1987 6/	3.6	--	--	3.2	--	--	2.9	--	--	2.6	--	--	3.1
1988 6/	2.8	--	--	3.1	--	--	3.4	--	--	2.8	--	--	3.1
1989 6/	2.8	--	--	3.3	--	--	3.3	--	--	2.7	--	--	3.6

1/ Calendar year average milk-feed ratio, other ratios December - November.
2/ Bushels of corn equal in value to 100 pounds of hog, liveweight.
3/ Number of pounds of 16% mixed dairy-feed equal in value to one pound of milk sold to plants.
4/ Pounds of laying-feed equal in value to one dozen eggs.
5/ Pounds of broiler-growing-feed equal in value to one pound of broiler, liveweight.
6/ Quarterly U.S. Price.

Feed: Average Mid-Month Prices Paid By Farmers, Maryland, 1979-1985 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bran-Dollars Per Cwt												
1979	8.00	8.00	8.00	8.10	7.79	7.70	8.20	8.40	8.10	8.10	8.50	8.50
1980	8.40	8.70	8.80	8.90	8.90	9.20	9.00	9.20	9.30	9.80	10.50	10.50
1981	10.50	11.00	11.00	11.00	11.00	11.00	11.00	10.50	10.50	9.90	10.50	9.50
1982	10.50	11.00	11.00	10.50	10.50	10.50	10.50	10.50	10.10	10.50	10.00	9.50
1983	9.50	9.60	9.60	9.90	9.80	9.90	9.90	10.00	10.00	10.00	10.50	10.50
1984	11.00	11.50	11.00	11.00	11.00	11.00	11.50	11.00	10.50	10.50	10.50	10.50
1985	10.00	10.00	10.00	9.90	9.90	9.60	9.20	9.50	9.40	9.00	9.30	9.20
Corn Meal-Dollars Per Cwt												
1979	6.60	6.70	6.60	6.60	7.00	6.60	6.80	7.30	7.50	7.50	7.00	7.10
1980	7.20	7.10	7.20	7.80	7.60	7.70	7.90	7.90	8.30	8.30	8.80	8.80
1981	8.80	9.20	9.20	8.90	8.90	8.70	8.60	9.20	8.20	8.00	8.10	7.80
1982	8.10	8.10	8.00	7.80	7.90	8.00	7.80	7.70	7.30	7.30	7.00	7.00
1983	7.20	7.40	7.40	7.60	7.60	8.10	8.20	8.70	8.90	9.00	9.40	9.40
1984	9.30	9.30	9.40	8.90	9.00	9.50	10.00	9.80	9.60	9.50	9.00	8.90
1985	8.50	8.80	9.20	9.10	8.80	8.20	7.90	7.80	8.30	7.80	7.10	7.70
Laying Feed-Dollars Per Ton												
1979	158.00	167.00	167.00	166.00	169.00	169.00	191.00	188.00	181.00	186.00	185.00	190.00
1980	185.00	195.00	186.00	167.00	170.00	169.00	173.00	185.00	200.00	200.00	205.00	205.00
1981	205.00	210.00	205.00	205.00	205.00	205.00	200.00	192.00	178.00	175.00	179.00	180.00
1982	178.00	185.00	189.00	186.00	190.00	186.00	182.00	183.00	178.00	175.00	179.00	180.00
1983	173.00	184.00	185.00	193.00	199.00	199.00	196.00	215.00	220.00	220.00	230.00	205.00
1984	210.00	210.00	220.00	220.00	220.00	235.00	245.00	235.00	250.00	240.00	225.00	220.00
1985	205.00	200.00	197.00	198.00	185.00	172.00	174.00	167.00	165.00	170.00	155.00	175.00
Broiler Grower Feed-Dollars Per Ton												
1979	186.00	197.00	198.00	195.00	193.00	198.00	210.00	220.00	215.00	215.00	205.00	205.00
1980	215.00	220.00	205.00	205.00	205.00	205.00	210.00	225.00	230.00	245.00	235.00	230.00
1981	235.00	230.00	225.00	230.00	240.00	230.00	220.00	205.00	190.00	173.00	182.00	200.00
1982	210.00	220.00	215.00	215.00	220.00	215.00	210.00	205.00	200.00	196.00	200.00	205.00
1983	200.00	205.00	205.00	205.00	210.00	220.00	210.00	225.00	230.00	225.00	235.00	220.00
1984	220.00	220.00	235.00	250.00	240.00	250.00	225.00	230.00	245.00	250.00	245.00	235.00
1985	225.00	205.00	225.00	230.00	210.00	210.00	198.00	194.00	210.00	196.00	184.00	205.00
Dairy Feed, 10% Protein-Dollars Per Ton												
1979	150.00	150.00	152.00	156.00	156.00	151.00	168.00	169.00	162.00	171.00	169.00	172.00
1980	171.00	173.00	167.00	161.00	161.00	161.00	168.00	179.00	187.00	195.00	200.00	199.00
1981	205.00	210.00	205.00	205.00	205.00	199.00	195.00	190.00	177.00	176.00	177.00	179.00
1982	180.00	176.00	177.00	173.00	175.00	172.00	165.00	164.00	160.00	160.00	165.00	162.00
1983	167.00	168.00	168.00	169.00	174.00	174.00	169.00	177.00	181.00	192.00	205.00	197.00
1984	198.00	197.00	200.00	197.00	197.00	196.00	188.00	181.00	186.00	174.00	172.00	166.00
1985	165.00	164.00	160.00	164.00	164.00	164.00	159.00	160.00	160.00	164.00	159.00	166.00
Soybean Meal, 44% Protein-Dollars Per Cwt												
1979	13.00	13.00	13.00	13.50	13.50	13.50	15.00	14.00	14.00	14.00	13.50	13.50
1980	14.00	14.00	13.00	14.00	12.50	12.50	13.00	14.00	15.00	15.50	17.50	17.50
1981	17.50	18.00	18.00	18.00	16.50	16.50	16.00	16.50	15.50	15.00	14.50	15.00
1982	14.00	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.00	13.50	13.00	13.00
1983	13.00	13.00	13.00	13.50	14.00	13.50	13.00	15.00	16.00	16.00	16.00	16.50
1984	16.50	17.00	17.50	17.50	17.50	15.50	14.00	13.50	13.00	12.50	12.00	12.00
1985	11.50	11.00	11.00	11.00	11.50	10.50	9.70	11.00	10.00	10.50	11.00	10.00

1/ Data series ended in February of 1986.

Cash Receipts From Farm Marketings, By Commodities, Maryland, 1987 - 1989 1/

Commodity	1987		1988		1989 2/	
	Value $1,000	Percent Of Total 5/	Value $1,000	Percent Of Total 5/	Value $1,000	Percent Of Total 5/
All Commodities 3/	1,139,963	100.0	1,224,239	100.0	1,346,988	100.0
Livestock And Products	734,180	64.4	767,497	62.7	870,682	64.6
Poultry/Eggs	402,478	35.3	442,576	36.2	511,643	38.0
Broilers	354,551	31.1	396,142	32.4	448,899	33.3
Eggs	44,757	3.9	43,493	3.6	57,980	4.3
Turkeys	1,596	0.1	1,701	0.1	1,701	0.1
Farm Chickens	1,574	0.1	1,240	0.1	3,063	0.2
Dairy Products	195,714	17.2	185,640	15.2	197,841	14.7
Meat Animals	100,619	8.8	98,981	8.1	100,823	7.5
Cattle & Calves	62,489	5.5	67,188	5.5	76,234	5.7
Hogs	37,313	3.3	30,858	2.5	23,260	1.7
Sheep & Lambs	817	0.1	935	0.1	1,329	0.1
Other Livestock	35,152	3.1	40,135	3.3	60,105	4.5
Wool	117	*	171	*	165	*
All Crops 3/	405,883	35.6	456,736	37.3	476,411	35.4
Field Crops	157,832	13.8	218,051	17.8	237,185	17.6
Soybeans	48,345	4.2	89,275	7.3	93,785	7.0
Corn	42,937	3.8	48,634	4.0	67,778	5.0
Tobacco	28,370	2.5	23,419	1.9	20,705	1.5
Wheat	16,649	1.5	29,183	2.4	30,451	2.3
Hay	13,572	1.2	16,795	1.4	15,692	1.2
Barley	6,298	0.6	8,750	0.7	6,721	0.5
Rye	254	*	337	*	355	*
Oats	197	*	348	*	383	*
Other Field Crops	1,210	0.1	1,310	0.1	1,315	0.1
Vegetables and Melons	56,532	5.0	51,864	4.2	49,999	3.7
Tomatoes	12,668	1.1	12,974	1.1	9,091	0.7
Cucumbers 4/	3,305	0.3	3,700	0.3	2,460	0.2
Sweet Potatoes	1,228	0.1	1,839	0.2	1,819	0.1
Sweet Corn 4/	1,886	0.2	2,152	0.2	1,767	0.1
Potatoes	3,220	0.3	3,305	0.3	3,305	0.2
Other Vegetables	34,225	3.0	27,894	2.3	31,557	2.3
Fruits & Nuts	10,635	0.9	13,506	1.1	13,657	1.0
Apples	6,364	0.6	7,856	0.6	7,554	0.6
Peaches	1,385	0.1	1,850	0.2	2,128	0.2
Other Fruits and Nuts	2,886	0.3	3,800	0.3	3,975	0.3
Greenhouse & Nursery	179,524	15.7	171,708	14.0	173,987	12.9
Mushrooms	1,360	0.1	1,607	0.1	1,583	0.1
Forest Products	19,750	1.7	20,500	1.7	22,000	1.6

* Less than .05 percent.
1/ Figures provided by Economic Research Service, USDA.
2/ Preliminary.
3/ Includes Forest Products.
4/ Processing only.
5/ Percent of total parts may not add due to rounding.

Farm Income, Maryland 1984 - 1989 1/

Item	1984	1985	1986	1987	1988	1989
	---------- Million Dollars ----------					
Gross Farm Income	1,483.8	1,347.9	1,280.3	1,308.0	1,399.4	1,496.6
Cash receipts from farm marketings	1,235.9	1,214.3	1,184.4	1,140.1	1,224.3	1,346.4
Direct Government Payments	23.8	15.6	32.2	19.0	42.7	23.7
Non-Money Items and Related Income	202.3	134.1	115.6	129.6	130.7	127.9
Inventory Change	21.9	-16.1	-51.9	10.6	1.6	-1.5
Farm Production Expenses	1,162.8	1,065.8	984.9	969.9	1,013.7	1,093.9
Net Farm Income	321.0	282.1	295.4	338.1	385.7	402.7

1/ Source: Economic Research Service - USDA. Cash receipts include net CCC loans. Details may not add due to rounding.
2/ Does not include forest products.

Farm Production Expenses, Maryland, 1984 - 1989 1/

Item	1984	1985	1986	1987	1988	1989
	---------- Million Dollars ----------					
Feed	321.3	276.6	263.6	244.8	278.4	302.5
Livestock & Poultry Purchased	71.9	72.2	66.5	62.9	63.3	69.3
Seed	24.4	21.7	22.0	22.4	22.4	25.6
Fertilizer and Lime	74.9	64.2	55.2	49.4	51.8	57.8
Fuels and Oil	41.0	38.4	31.8	29.8	29.6	32.0
Interest						
Non-Real Estate	30.1	40.1	36.0	37.5	37.2	38.6
Mortgage	72.9	63.7	58.9	53.8	54.1	52.4
Hired Labor	74.1	74.9	75.4	82.3	85.2	90.2
Repair and Operation	53.9	57.8	56.0	58.2	58.9	64.8
Miscellaneous 2/	175.0	158.4	152.4	158.3	155.1	176.8
Depreciation	175.4	146.7	126.1	117.0	121.7	127.0
Property Taxes	25.8	26.3	26.9	32.7	26.4	28.8
Net Rent to Non-Operator	22.0	24.7	14.2	20.8	29.4	28.0
Total	1,162.8	1,065.8	984.9	969.9	1,013.7	1,093.9

1/ Source: Economic Research Service - USDA. Details may not add due to rounding.
2/ Includes other miscellaneous, electricity and pesticides.

Farm Numbers And Acreage, Maryland And United States 1977 - 1989

Year	Maryland			United States		
	Number Of Farms 1/	Average Acres Per Farm	Total Land In Farms	Number Of Farms 1/	Average Acres Per Farm	Total Land In Farms
			Thous. Acres	Thous. Farms		Million Acres
1977	16,700	159	2,650	2,456	427	1,048
1978	17,000	156	2,650	2,436	429	1,045
1979	17,000	159	2,700	2,437	428	1,042
1980	17,500	157	2,750	2,440	426	1,039
1981	18,200	154	2,800	2,440	424	1,034
1982	18,000	153	2,750	2,407	427	1,028
1983	18,000	150	2,700	2,379	430	1,023
1984	17,800	152	2,700	2,334	436	1,018
1985	17,500	149	2,600	2,293	441	1,012
1986	17,000	147	2,500	2,250	447	1,005
1987	16,500	148	2,450	2,213	451	999
1988	16,000	147	2,350	2,197	453	995
1989	15,600	147	2,300	2,173	456	991

1/ Prior to 1975 a farm was considered any place with less than 10 acres having sales of $250 or more or places of 10 acres or more with $50 of sales. Beginning in 1975 the farm definition became a place that sells or normally would sell $1,000 of agricultural produce.

Real Estate Value, Maryland 1981 - 1990

Year	Value Of Land And Buildings		Total Value Of Farm Buildings 1/	Average Value Per Operating Unit 1/
	Total 1/	Average Per Acre		
	Million Dollars	Dollars	Million Dollars	Dollars
1981	7,084	2,530	1,445	389,200
1982	6,534	2,376	1,319	363,000
1983	5,727	2,121	1,145	318,100
1984	6,038	2,236	1,167 2/	339,190
1985	5,711	2,197	1,068 2/	326,348
1986	5,057	2,023	915 2/	297,446
1987	4,921	2,009	861 2/	298,238
1988	5,313	2,261	900 2/	332,084
1989	5,720	2,478	980 2/	366,688
1989	5,778	2,512	N/A	370,355

1/ Preliminary - not based on final estimates of the average value per acre.
2/ To be revised but not available.
N/A Not available.

Cash Rents For Entire Farms And Cropland, Maryland, March 1, 1984 - 1990

Item	1984	1985	1986	1987	1988	1989	1990
				Dollars Per Acre			
Farm	57.15	57.50	52.50	49.00	58.50	53.60	54.00
Cropland	58.33	63.60	54.50	50.80	50.50	55.10	49.30

Precipitation: Total And Departure From Normal By Region 1/, Maryland 1989

Year And Month	Allegheny Plateau	Appalachian Mountain	North Central	Upper Southern	Lower Southern	North Eastern Shore	Central Eastern Shore	South Eastern Shore	State Maryland	
									Weighted Average	Departure From Normal 2/
1989	----------	----------	----------	----------	----------	Inches	----------	----------	----------	----------
January	4.05	2.77	3.07	2.92	2.40	3.05	2.69	1.98	2.85	-0.36
February	3.63	2.17	2.98	3.67	3.12	4.04	3.58	3.73	3.26	+0.35
March	5.40	4.70	4.56	4.60	5.52	4.77	5.26	7.14	5.14	+1.28
April	2.29	1.65	2.14	4.07	4.37	4.46	5.56	4.87	3.41	-0.03
May	6.27	7.51	10.30	9.29	6.31	6.84	6.20	2.67	7.62	+3.95
June	5.93	5.75	5.87	6.53	7.33	12.37	9.37	5.34	6.86	+3.05
July	6.62	6.38	5.64	6.35	6.87	7.60	7.02	8.07	6.56	+2.62
August	3.32	1.44	1.72	1.04	1.50	1.59	2.88	9.21	2.75	-1.78
September	2.83	2.72	3.50	4.87	7.10	5.45	5.50	4.78	4.41	+0.81
October	3.63	3.99	4.93	5.56	5.08	5.40	3.53	4.53	4.65	+1.44
November	4.00	2.84	2.45	2.50	2.55	2.26	2.44	3.93	2.77	-0.45
December	2.36	1.06	1.53	1.51	1.88	1.46	1.58	2.19	1.66	-1.80
Annual Total	50.33	42.98	48.69	52.91	54.01	59.26	55.61	58.44	51.94	---
Departure From Normal	+5.66	+4.53	+5.38	+10.59	+11.55	+16.62	+11.49	+14.67	+9.04	---

Footnotes are at the bottom of the next table.

Temperatures: Monthly Average And Departure From Normal By Region 1/, Maryland 1989

Year And Month	Allegheny Plateau	Appalachian Mountain	North Central	Upper Southern	Lower Southern	North Eastern Shore	Central Eastern Shore	South Eastern Shore	Maryland	
									Weighted Average	Departure From Normal 2/
1989	----------	----------	----------	----------	----------	Degrees	----------	----------	----------	----------
January	33.1	35.3	37.1	36.9	39.2	37.2	39.6	41.1	37.7	+8.7
February	28.1	32.4	34.9	36.1	38.0	36.6	38.0	38.6	35.6	+1.1
March	38.8	40.6	42.5	43.3	45.7	43.8	45.1	46.4	43.4	+0.5
April	44.9	48.9	52.1	52.2	53.8	52.8	54.4	53.7	52.0	-1.6
May	54.4	58.7	61.4	61.6	62.7	63.0	64.3	63.8	61.6	-1.3
June	66.5	69.9	73.0	74.2	74.6	74.9	76.7	76.3	73.5	+2.5
July	70.2	72.3	75.1	75.9	75.5	76.0	77.8	77.1	75.3	0.0
August	66.8	70.6	73.6	73.9	74.4	74.4	76.2	75.5	73.6	-0.5
September	61.4	64.1	67.3	68.5	69.2	69.3	70.7	71.4	68.0	+0.2
October	51.0	54.4	57.5	57.4	59.2	58.5	60.8	60.5	57.8	+1.4
November	38.5	41.6	44.6	45.6	47.7	46.3	48.3	48.8	45.4	-0.6
December	18.6	21.9	24.0	25.4	27.2	25.1	27.4	29.2	25.0	-11.3
Annual Average	47.7	50.9	53.6	54.3	55.6	54.8	56.6	56.9	54.1	---
Departure From Normal	+0.3	-1.5	-0.3	-1.0	-0.7	-1.3	+0.1	+0.3	-0.5	---

1/ Counties Within Regions:
Allegheny Plateau: Garrett.
Applachian Mountain: Allegany and Washington.
North Central: Frederick, Carroll, Baltimore, Harford, Cecil, Howard and Montgomery.
Upper Southern: Anne Arundel and Prince George's.
Lower Southern: Charles, Calvert and St. Mary's.
North Eastern Shore: Kent and Queen Anne's.
Central Eastern Shore: Caroline, Dorchester and Talbot.
South Eastern Shore: Wicomico, Somerset and Worcester.

2/ 1951 - 1980 normal average.

Commercial Fertilizers
Consumption In Maryland 1/

	July 1, 1987 - June 30, 1988	July 1, 1988 - June 30, 1989
	---------- Nutrient Tons ----------	
Mixtures		
N	22,720	15,996
P205	32,960	27,494
K20	21,606	11,853
Total	77,287 2/	55,343
Mixtures and Materials (Combined)		
N	52,915	85,177
P205	37,487	30,734
K20	44,747	25,443
Total	135,149	141,354

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.
2/ The sum of individual items may not equal totals due to rounding. Excludes liming materials.

Commercial Fertilizer, Direct Application Materials
Years Ended June 30, 1988 - 1989 1/

Description	Maryland		United States	
	1988	1989	1988	1989
Ammonia	---------- Tons ----------			
Anhydrous	3,624	15,344	4,599,472	4,634,492
Ammonium				
Nitrate	2,503	2,528	1,768,719	1,912,046
Sulfate	12,815	11,016	751,922	823,242
Nitrogen				
Solutions	54,862	134,455	7,272,282	7,124,025
Sodium Nitrate	516	61	34,388	39,852
Urea	13,943	20,063	3,331,248	3,391,587
Superphosphates				
Under 22%	411	2	18,943	26,786
Over 22%	7,742	4,724	636,436	580,937
Other Phosphate	1,772	2,631	157,802	199,673
Potassium				
Chloride 60% +	37,727	21,496	5,081,978	4,873,373
Sulfate 50% K20	96	246	99,026	103,585
Other	1,544	1,560	248,712	288,642

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

Aquaculture Production

The value of sales of aquacultural products grown in Maryland in 1990 will total nearly $6 million with substantial growth expected in the near future. Aquaculture operations produce a variety of finfish, shellfish and aquatic specialties with increased activity planned for all segments of the industry. Growout operations are the major type of aquaculture operation in the state but there are a significant number of fingerling or seed production operations and hatcheries. Sole ownerships describe the tenure of most operations in the state but a number of aquaculture operations are owned by partners or corporations. More product is sold to wholesale outlets than any other outlet but a significant volume is marketed to retailers, other producers and direct to consumers. Wells supply a significant portion of the aquaculture facilities with water but many operations also utilize surface and ground water. An estimated 600 workers are employed in the production of aquaculture products in Maryland.

Maryland
Aquaculture
Value Of Production - 1990

Product	Unit	Production	Average Value Per Unit	Value Of Production
Hybrid Striped Bass	(lbs)	250,000	$3.50	$875,000
Catfish	(lbs)	107,600	$1.50	$161,400
Trout	(lbs)	48,500	$5.27	$255,595
Tilapia	(lbs)	21,700	$3.86	$83,762
Ornamental Fish	(ea)	1/	1/	1/
Crawfish	(doz)	1/	1/	1/
Aquatic Plants		1/	1/	1/
Lobsters				1/
Perch				1/
Other Aquatics				1/
Soft Crabs	(doz)	11,800	$17.82	$210,276
Soft Crabs 4/5/	(ea)	1,238,177	$3.32	$4,114,559
Oysters	(bu)	11,400	$33.75	$384,750
Oysters 4/5/	(bu)	23,458	$11.42	$267,954
Total All Aquaculture Products 2/				$6,672,527
Total All Aquaculture Products 3/5/				$10,576,810

1/ In order to protect the confidentiality of data from individuals or firms, these data are included only in the aggregate totals.
2/ Includes only soft crab operations surveyed in the Maryland Department of Agriculture survey.
3/ Includes estimates for soft crabs and peelers from the Maryland State Department of Natural Resources. Counting of crabs as both peelers and soft crabs can exist in this number.
4/ Estimates by the Maryland Department of Natural Resources.
5/ Estimates of oysters and crabs are for 1989.

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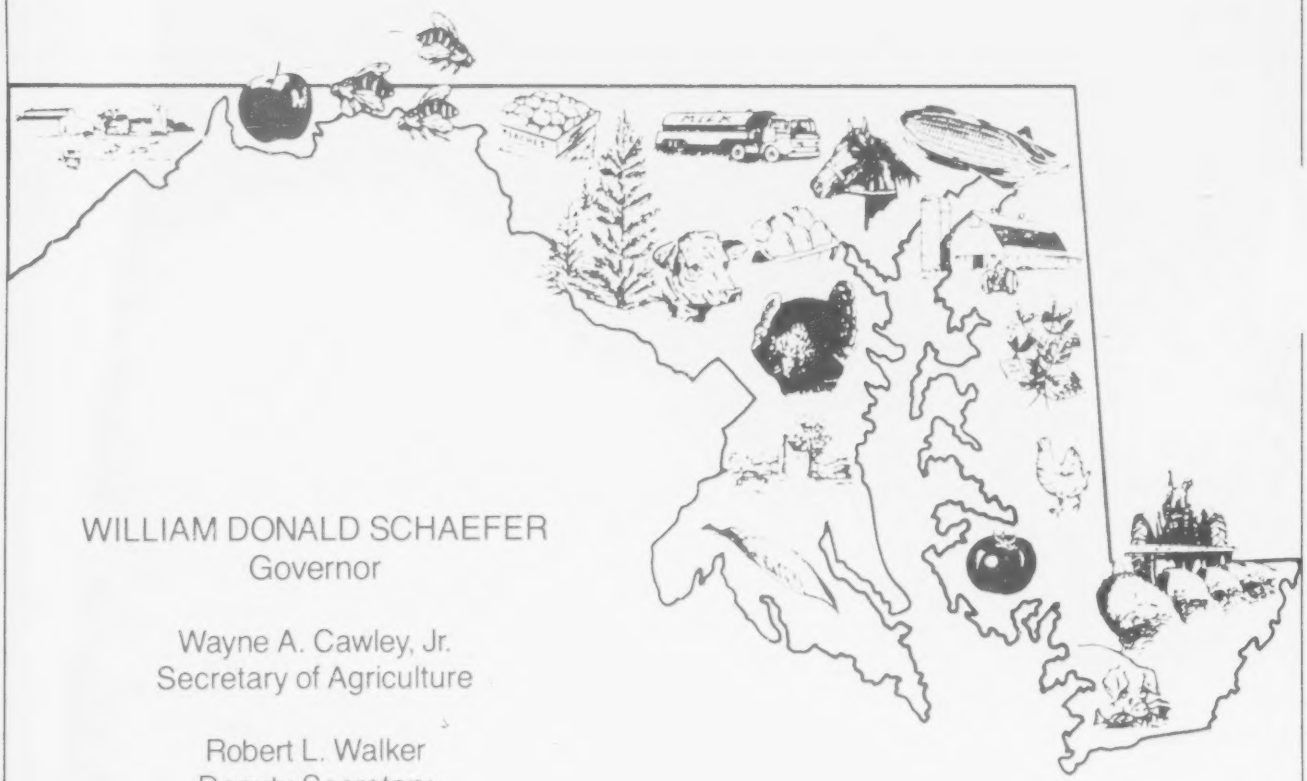
MARYLAND AGRICULTURAL STATISTICS

Summary for 1990



WILLIAM DONALD SCHAEFER
Governor

Wayne A. Cawley, Jr.
Secretary of Agriculture

Robert L. Walker
Deputy Secretary

MARYLAND DEPARTMENT

OF AGRICULTURE

This 1990 issue of the Maryland Agriculture Statistics is an important resource documenting the valuable contribution agriculture makes to Maryland's economy. This volume shows trends in production and prices while demonstrating our agricultural diversity. All of these statistics are essential in order for us to make decisions about our state as we move toward the next century.

This volume shows that agriculture is still strong in Maryland. Our farmers are meeting the challenge of producing in a highly urbanized state. Farmers are working smarter, safer and more efficiently. And, our new aquaculture industry has shown amazing growth.

I compliment Maryland farmers for their continuing contributions to the economic and environmental quality of life of all our citizens. I also thank farmers for their cooperation in participating in surveys which make our crop reporting statistics accurate.

Finally, I congratulate the dedicated staff who worked long hours to compile all the information for this outstanding report.

Wayne A. Cawley, Jr.
Secretary

MARYLAND AGRICULTURAL STATISTICS
SUMMARY FOR 1990

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MDA 113-90

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FOREWORD

This annual "Maryland Agricultural Statistics" is a summary of the major series of agricultural statistics compiled by the Maryland Agricultural Statistics Service. These series include data on crop production, livestock and poultry numbers, production, prices, income and many other facets of agriculture. This publication provides county data for the past two years.

In this issue statistics relating to the new industry of aquaculture are included for the first time.

A special thank you is extended to the many Maryland farmers and business people who voluntarily provided the essential raw data to develop these estimates. Without their cooperation, this information would not be available. These estimates provide the groundwork for successful planning and decision making in all phases of agriculture and related industries.

"Maryland Agricultural Statistics" is published cooperatively by the Maryland Department of Agriculture and the National Agricultural Statistics Service of the United States Department of Agriculture.

Special recognition is due to the office staff for preparing the tables presented, particularly to May Rhoten for typing the tables and text for printing and Carroll Homann for data assembly.

Finally, I would like to thank the data collection specialists who talked with Maryland farmers to collect much of our data. These field and telephone supervisors and enumerators - employees of the National Association of State Departments of Agriculture - continue to represent the Maryland Agricultural Statistics Service in a very professional manner.

Sincerely,

M. Bruce West

M. Bruce West
State Statistician

Agriculture In Maryland

Net farm income in Maryland amounted to $407.3 million after expenses. Cash receipts from farm marketings totaled $1,346 million. Farm income, other than cash receipts, amounted to $146.6 million. Farm production expenses totaled $1,085.4 million. Income from broilers at $399.4 million, decreased 11 percent from the record $448.9 million in 1989. Lower prices for broilers more than offset increased production to cause the decline in value. Cash receipts for 1990 were mixed when compared with 1989 with increases outweighing declines.

Farm numbers declined from 15,600 in 1989 to 15,200 for 1990. The acreage of land in farms for 1990 at $2,250,000 acres declined 50,000 acres from the 2,300,000 acres in farms in 1989. The average value of land and buildings for 1990 at $2,420 per acre and the average value per operating unit at $358,224 were down 2 and 1 percent respectively.

Timely rains helped the 1990 corn crop produce a record tying 118 bushels per acre. The average yield is equal to the previous record set in 1985. Grain corn production totaled 53.1 million bushels, 21 percent above the 1989 production of 44.0 million and the largest crop since 1985's million bushels.

The 1990 soybean crop set two records. Average yield per acre at 36 bushels per acre was 4 bushels above the previous record 32 bushel average for 1985. Soybean production also set a record at 17.8 million bushels. The production was 8 percent above the previous record production of 16.5 million bushels for 1989.

Small grains wintered well with temperatures for the December 1989-March 1990 period 2.3 degrees above normal. Precipitation for the 1989-90 winter season was 3.33 inches below normal but came in a timely manor. Winter wheat and barley yields at 52 and 68 bushels respectively were one bushel below the record yields of 53 and 69 respectively for 1988. Oat yield averaged 58 bushels per acre, 3 bushels above last year's 55 bushel average but 2 bushels below the record 60 bushel average for the 1985 crop. Rye yielded an average 30 bushels per acre for 1990 compared with a 27 bushel average for 1989. Tobacco yielded 1,360 pounds per acre in 1990, 250 pounds above the 1989 average yield of 1,110 pounds but 30 pounds below the record 1,390 pound yield for the 1982 crop.

Broiler production for 1990 at 1,141 billion pounds was up 3 percent from the previous year's production of 1.108 billion pounds. Maryland produced 265,400,000 broilers in 1990 compared with 257,776,000 produced in 1989. Milk production for 1990 at 1.366 billion pound was down 1 percent from the 1.37 billion period produced in 1989.

MARYLAND HIGHLIGHTS

	1990		1990
Number Of Farms	15,200	Gross Farm Income	1,492,600,000
Average Size Farm	148 Acres	Farm Prod. Expenses	1,085,400,000
Land in Farms	2,250,000 Acres	Total Net Farm Income	407,200,000
		Gross Farm Income Per Farm	98,197
		Net Farm Income Per Farm	26,798

Livestock And Products

Commodity	Inventory	Marketings		Cash Receipts 1/
		1990		1990
Broilers	---	1,141,220,000	Lb	399,427,000
Milk	---	1,366,000,000	Lb	201,150,000
Cattle And Calves (Jan. 1, 1990)	---	107,536,000	Lb	78,620,000
Hogs	---	64,560,000	Lb	33,310,000
Eggs	---	954,000,000		60,659,000
Farm Chickens	---	------	Eggs	2,385,000
Turkeys	---	2,348,000	Lb	1,640,000
Sheep and Lambs	---	2,275,000	Lb	901,000
Wool	---	157,000	Lb	63,000
Other Livestock	---	------		50,331,000
Total	---	------		$828,466,000

Crops And Products

Commodity	Acres Harvested	Production		Cash Receipts
	1990	1990		1990
Corn For Grain	450,000	53,100,000	Bu	88,964,000
Soybeans	495,000	17,820,000	Bu	99,604,000
Tobacco	7,100	9,656,000	Lb	18,041,000
Wheat	190,000	9,880,000	Bu	26,115,000
Hay	225,000	678,000	Ton	16,436,000
Barley	63,000	4,284,000	Bu	6,770,000
Rye	7,000	210,000	Lb	282,000
Oats	17,000	986,000	Bu	778,000
Other Field Crops	----	-----		1,420,000
Tomatoes	----	-----		15,789,000
Potatoes	1,800	324,000	Cwt	3,305,000
Sweet Corn 2/	----	-----		2,986,000
Cucumbers 2/	----	-----		3,929,000
Sweet Potatoes	600	84,000	Cwt	1,286,000
Other Vegetables	----	-----		32,911,000
Apples	----	33,000,000	Lb	8,175,000
Peaches	----	4,000,000	Lb	1,309,000
Other Fruits & Nuts	----	-----		4,140,000
Greenhouse & Nursery	----	-----		183,695,000
Forest Products	----	-----		23,000,000
Mushrooms	----	2,335,000	Lb	1,627,000
Total 3/				517,562,000
All Commodities 4/				$1,369,028,000

1/ Preliminary estimates by the Economic Research Service, USDA.
2/ Processing only.
3/ Total does not include forest products.
4/ All commodities total includes forest products.

Counties Ranked By Production, 1990

Commodity	1	2	3	4	5	6	7
Corn grain	Kent	Queen Anne's	Carroll	Frederick	Harford	Caroline	Baltimore
Soybeans	Caroline	Queen Anne's	Dorchester	Talbot	Wicomico	Worcester	Kent
Barley	Caroline	Dorchester	Queen Anne's	Carroll	Frederick	Washington	Howard
Wheat	Caroline	Queen Anne's	Dorchester	Kent	Frederick	Carroll	Wicomico
Tobacco	St. Mary's	Charles	Calvert	Anne Arundel	Pr. George's	--	--
All Hay	Frederick	Garrett	Carroll	Washington	Harford	Baltimore	Cecil
Milk	Frederick	Washington	Carroll	Harford	Garrett	Kent	Cecil

Crops Review

General

Maryland's farmers experienced above normal precipitation and temperatures for calendar year 1990. There was 3.05 inches of precipitation above the normal 42.90 inches for the year. More than normal precipitation for January, April, May, July, August, October, and December more than offset below normal precipitation for February, March, June, September, and November. Small grains wintered well, and received timely rains in May, June, and July to get above normal yields. Planting of spring crop got off to a slow start in early May due to wet weather in early May but timely rains and dry spells enabled farmers to plant most crops on schedule.

Corn

Corn production for 1990 amounted to 53.1 million bushels, 21 percent more than the 1989 output of 44.0 million bushels. Corn for grain averaged a record tying 118 bushels per acre equaled the 1985 crop. The area of corn harvested for grain at 450,000 acres is 13 percent, 50,000 acres above the 400,000 acres harvested for grain in 1989. Corn silage production totaled 1.33 million tons, 9 percent more than the 1.20 million tons production in 1989. Acreage of corn harvested for silage totaled 95,000 acres, 20,000 acres more than the 75,000 acres harvested for silage in 1989. Corn cut for silage averaged 14 tons per acre for 1990, 2 tons below the 16 ton record yield for the 1981 and 1989 crops.

Soybeans

Maryland soybean growers recorded a record high yield and production for their 1990 crop. Soybean production for 1990 at 17.82 million bushels was a record production, and 8 percent above the previous record production of 16.50 million bushels for the 1989 crop. Soybeans yielded a record 36 bushels per acre and 4 bushels more than the previous historical high of 32 bushels per acre for the 1985 crop. The six bushel increase in average yield more than offset a smaller acreage harvested.

Tobacco

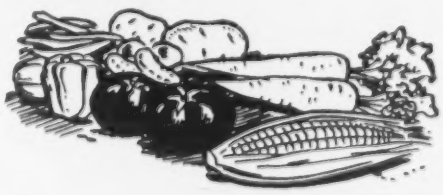
Maryland tobacco growers produced 9,656,000 pounds of tobacco in 1990, up 19 percent from the 8,103,000 pounds produced in 1989. Tobacco acreage harvested at 7,100 acres was at a record low level again this year.

Small Grains

Small grain yields were up from 1989 but not quit to record levels. Winter wheat and barley yields for 1990 at 52 and 68 bushels per acre, respectively were one bushel short of record 53 and 69 bushel records in 1988. Rye yield for 1990 at 30 bushels per acre was 3 bushels short of the record 33 bushels for the 1985 and 1986 crops. Oat yield was 58 bushels per acre compared with the record 60 bushels per acre in 1985. Winter wheat production for 1990 totaled 9.88 million bushels, 15 percent above 8.60 million produced in 1989. Barley production for 1990 totaled 4.28 million bushels, 7 percent above 1989's production of 4.00 million bushels. Oat production for 1990 amounted to 986,000 bushels, 25 percent fewer bushels than the 1,320,000 bushels produced in 1989.

Vegetables

Maryland farmers harvested 49,620 acres of vegetables in 1990, up 12 percent from the 43,900 acres harvested in 1989. Fresh market vegetable acreage harvested at 30,000 acres increased 7 percent, 2,035 acres, from 1989's 27,965 acres harvested. processing vegetables were harvested from 19,620 acres, up 23 percent from the 15,965 acres harvested in 1989. Sweet corn for processing wa harvested from 7,100 acres in 1990 compared with 4,600 acres in 1989. Tomatoes for processing were harvest from 820 acres in 1990 compared with 970 in 1989. Other processing vegetables were harvested from 11,700 acres in 1990 compared with 10,395 acres for 1990.



Crops : Acreage, Yield, Production And Value, Maryland 1985 - 1990

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Corn, All	1985	745	744	--	--	--	--	--
	1986	700	N/A	--	--	--	--	--
	1987	560	N/A	--	--	--	--	--
	1988	520	N/A	--	--	--	--	--
	1989	480	N/A	--	--	--	--	--
	1990	550	N/A	--	--	--	--	--
Corn, For Grain	1985	--	640	Bu	110.0	70,400	2.43	171,072
	1986	--	580	Bu	73.0	42,340	1.81	76,635
	1987	--	460	Bu	78.0	35,880	2.15	77,142
	1988	--	420	Bu	65.0	27,300	3.02	82,446
	1989	--	400	Bu	110.0	44,000	2.70	118,800
	1990	--	450	Bu	118.0	53,100	2.45	130,095
Corn, Silage	1985	--	102	Ton	15.0	1,530	16.00	24,480
	1986	--	115	Ton	9.0	1,035	24.00	24,840
	1987	--	95	Ton	12.0	1,140	20.00	22,800
	1988	--	95	Ton	10.0	950	--	--
	1989	--	75	Ton	16.0	1,200	--	--
	1990	--	95	Ton	14.0	1,330	--	--
Wheat, Winter	1985	140	133	Bu	49.0	6,517	2.91	18,964
	1986	160	145	Bu	47.0	6,815	2.48	16,901
	1987	165	155	Bu	49.0	7,595	2.55	19,367
	1988	180	170	Bu	53.0	9,010	3.65	32,887
	1989	230	215	Bu	40.0	8,600	3.55	30,530
	1990	200	190	Bu	52.0	9,880	2.90	28,652
Oats	1985	17	15	Bu	60.0	900	1.36	1,224
	1986	19	15	Bu	55.0	825	1.07	883
	1987	19	16	Bu	56.0	896	1.30	1,165
	1988	20	17	Bu	52.0	884	2.29	2,024
	1989	28	24	Bu	55.0	1,320	1.60	2,112
	1990	22	17	Bu	58.0	986	1.45	1,430
Soybeans	1985	410	400	Bu	32.0	12,800	5.01	64,128
	1986	400	390	Bu	27.0	10,530	4.84	50,965
	1987	420	410	Bu	22.5	9,225	5.90	54,428
	1988	465	455	Bu	31.0	14,105	7.57	106,775
	1989	570	550	Bu	30.0	16,500	5.60	92,400
	1990	505	495	Bu	36.0	17,820	5.70	101,574
Barley	1985	103	96	Bu	57.0	5,472	1.51	8,263
	1986	90	82	Bu	60.0	4,920	1.35	6,642
	1987	90	79	Bu	63.0	4,977	1.24	6,971
	1988	80	69	Bu	69.0	4,761	1.91	9,094
	1989	90	80	Bu	50.0	4,000	2.05	8,200
	1990	70	63	Bu	68.0	4,284	2.00	8,568
Rye	1985	45	6	Bu	33.0	198	2.10	416
	1986	46	9	Bu	33.0	297	1.62	481
	1987	55	8	Bu	31.0	248	1.75	434
	1988	58	10	Bu	29.0	290	2.01	583
	1989	40	8	Bu	27.0	216	2.85	616
	1990	45	7	Bu	30.0	210	2.35	494
Tobacco	1985	--	20.0	Lb	1,330	26,600	1.323	35,192
	1986	--	16.0	Lb	1,320	21,120	1.179	24,900
	1987	--	11.7	Lb	1,140	13,338	1.249	16,659
	1988	--	9.0	Lb	1,330	11,970	1.605	19,212
	1989	--	7.3	Lb	1,110	8,103	1.698	13,759
	1990	--	7.1	Lb	1,360	9,656	1.860	17,960

Crops: Acreage, Yield, Production And Value, Maryland 1985 - 1990 -- Continued

Crop	Year	Acreage		Unit	Production		Season Average Price	Value Of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Potatoes, Summer	1985	1.6	1.6	Cwt	200	320	7.80	2,496
	1986	1.7	1.6	Cwt	170	272	6.80	1,850
	1987	2.5	2.5	Cwt	200	500	6.85	3,425
	1988	2.3	2.3	Cwt	200	460	7.65	3,519
	1989	2.1	1.8	Cwt	175	315	10.20	3,213
	1990	1.8	1.8	Cwt	180	324	9.40	3,046
Sweet Potatoes	1985	1.1	1.1	Cwt	165	182	9.50	1,729
	1986	1.0	0.9	Cwt	130	117	9.75	1,141
	1987	0.8	0.8	Cwt	140	112	11.50	1,288
	1988	0.9	0.9	Cwt	150	135	16.40	2,214
	1989	0.6	0.5	Cwt	16	80	18.70	1,496
	1990	0.6	0.6	Cwt	140	84	13.60	1,142
Hay, All	1985	--	230	Ton	2.89	664	84.50	56,108
	1986	--	225	Ton	2.26	509	116.00	59,044
	1987	--	255	Ton	2.62	668	96.00	64,128
	1988	--	245	Ton	2.71	663	100.00	66,300
	1989	--	240	Ton	2.62	629	102.00	64,158
	1990	--	225	Ton	3.01	678	107.00	72,546
Hay, Alfalfa	1985	--	75	Ton	4.00	300	--	--
	1986	--	80	Ton	3.10	248	--	--
	1987	--	85	Ton	3.75	319	--	--
	1988	--	80	Ton	3.75	300	--	--
	1989	--	85	Ton	3.75	319	--	--
	1990	--	80	Ton	3.85	308	--	--
Hay, All Other	1985	--	155	Ton	2.35	364	--	--
	1986	--	145	Ton	1.80	261	--	--
	1987	--	170	Ton	2.05	349	--	--
	1988	--	165	Ton	2.20	363	--	--
	1989	--	155	Ton	2.00	310	--	--
	1990	--	145	Ton	2.55	370	--	--
Vegetables, Fresh Market 1/	1985	26.8	25.9	Cwt	--	--	--	--
	1986	28.1	27.4	Cwt	--	--	--	--
	1987	29.5	28.7	Cwt	--	--	--	--
	1988	27.8	26.7	Cwt	--	--	--	--
	1989	29.2	28.0	Cwt	--	--	--	--
	1990	31.1	30.0	Cwt	--	--	--	--
Vegetables, Processing 2/	1985	22.0	21.6	Ton	--	--	--	--
	1986	18.8	18.3	Ton	--	--	--	--
	1987	15.9	15.5	Ton	--	--	--	--
	1988	19.0	18.2	Ton	--	--	--	--
	1989	16.2	16.0	Ton	--	--	--	--
	1990	19.7	19.6	Ton	--	--	--	--
Apples 3/	1985	--	--	Lb	--	76,000	.102	7,764
	1986	--	--	Lb	--	85,000	.113	9,641
	1987	--	--	Lb	--	38,000	.103	3,930
	1988	--	--	Lb	--	52,000	.122	6,334
	1989	--	--	Lb	--	37,000	.112	4,147
	1990	--	--	Lb	--	33,000	.137	4,521
Peaches 3/	1985	--	--	Lb	--	1,000	.262	262
	1986	--	--	Lb	--	20,000	.204	4,088
	1987	--	--	Lb	--	9,000	.154	1,385
	1988	--	--	Lb	--	9,800	.189	1,850
	1989	--	--	Lb	--	7,600	.280	2,127
	1990	--	--	Lb	--	4,000	.327	1,309

1/ Vegetables included: lima beans, snap beans, sweet corn, cucumbers, green peas, tomatoes, spinach, sweet peppers, hot peppers, strawberries, greens, squash, kale, pumpkins, turnips, broccoli, beets, cabbage, eggplant, cauliflower, asparagus, okra, cantaloupes, watermelon.
2/ Vegetables include: cucumber, sweet corn, tomatoes, snap beans, lima beans, green peas, hot peppers, sweet peppers, and sweet potatoes.
3/ Production and value are for utilized production.

Crops: Acreage, Yield, Production And Value, United States, 1985 - 1990

Crop	Year	Acreage		Unit	Production		Season Average Price	Value 1/ Of Production
		Planted	Harvested		Per Acre	Total		
		Thous.			Units	Thous.	Dollars Per Unit	Thous. Dollars
Corn, All	1985	83,398	---	---	---	---	---	---
	1986	76,580	---	---	---	---	---	---
	1987	66,200	---	---	---	---	---	---
	1988	67,717	---	---	---	---	---	---
	1989	72,221	---	---	---	---	---	---
	1990	74,171	---	---	---	---	---	---
Corn, Grain For	1985	---	75,209	Bu	118.0	8,875,453	2.23	19,521,975
	1986	---	68,907	Bu	119.4	8,225,764	1.50	12,541,426
	1987	---	59,505	Bu	119.8	7,131,300	1.94	14,107,705
	1988	---	58,250	Bu	84.6	4,928,681	2.54	12,661,362
	1989		64,703	Bu	116.3	7,525,493	2.36	17,896,810
	1990	---	66,952	Bu	118.5	7,933,068	2.30	18,008,938
Corn, Silage	1985	---	7,155	Ton	14.3	102,664	---	---
	1986	---	6,418	Ton	14.1	90,227	---	---
	1987	---	5,994	Ton	14.4	86,442	---	---
	1988	---	8,294	Ton	9.5	78,791	---	---
	1989		6,606	Ton	13.0	86,109	---	---
	1990		6,124	Ton	14.2	86,844	---	---
Wheat, Winter	1985	57,712	47,923	Bu	38.1	1,826,625	2.98	5,429,571
	1986	53,895	43,170	Bu	35.2	1,520,433	2.23	3,583,338
	1987	48,806	39,332	Bu	39.8	1,565,381	2.49	3,962,170
	1988	48,800	39,800	Bu	39.2	1,561,910	3.65	5,684,359
	1989	55,091	41,509	Bu	35.0	1,454,642	3.78	5,450,176
	1990	56,998	49,976	Bu	40.7	2,033,299	2.64	5,498,563
Oats	1985	13,235	8,147	Bu	63.6	518,490	1.24	649,229
	1986	14,671	6,840	Bu	56.3	384,996	1.16	431,626
	1987	17,907	6,888	Bu	54.3	373,713	1.56	605,599
	1988	13,910	5,533	Bu	39.3	217,600	2.61	532,621
	1989	12,085	6,882	Bu	54.3	373,587	1.49	548,938
	1990	10,423	5,940	Bu	6.1	357,149	1.12	408,192
Soybeans	1985	63,145	61,599	Bu	34.1	2,099,056	5.05	10,581,042
	1986	60,405	58,312	Bu	33.3	1,942,558	4.78	9,262,746
	1987	58,180	57,172	Bu	33.9	1,937,722	5.88	11,391,000
	1988	58,840	57,373	Bu	27.0	1,548,841	7.42	11,487,742
	1989	60,820	59,538	Bu	32.3	1,926,666	5.69	10,916,145
	1990	57,795	56,502	Bu	34.0	1,921,787	5.85	11,214,561
Barley	1985	13,139	11,591	Bu	50.9	590,213	1.98	1,132,537
	1986	13,124	11,974	Bu	50.8	608,532	1.61	993,905
	1987	10,929	9,957	Bu	52.4	521,499	1.81	967,008
	1988	9,831	7,636	Bu	38.0	289,994	2.80	778,228
	1989	9,125	8,313	Bu	48.6	404,203	2.42	968,180
	1990	8,201	7,499	Bu	55.9	418,856	2.14	905,923
Rye	1985	2,543	708	Bu	28.8	20,373	2.03	29,159
	1986	2,334	661	Bu	28.8	19,067	1.49	32,289
	1987	2,428	671	Bu	29.1	19,526	1.63	31,641
	1988	2,374	595	Bu	24.7	14,689	2.52	37,006
	1989	2,014	484	Bu	28.2	13,647	2.06	28,099
	1990	1,625	373	Bu	27.1	10,098	2.10	21,158
Tobacco 2/	1985	--	278.6	Lb	2,176	606,221	1.578	956,568
	1986	--	230.1	Lb	1,893	435,672	1.533	667,788
	1987	--	231.6	Lb	1,900	440,107	1.541	678,396
	1988	--	238.9	Lb	2,075	495,653	1.607	796,327
	1989	--	255.7	Lb	1,947	497,871	1.671	831,845
	1990	--	276.9	Lb	2,157	597,198	-----	-------

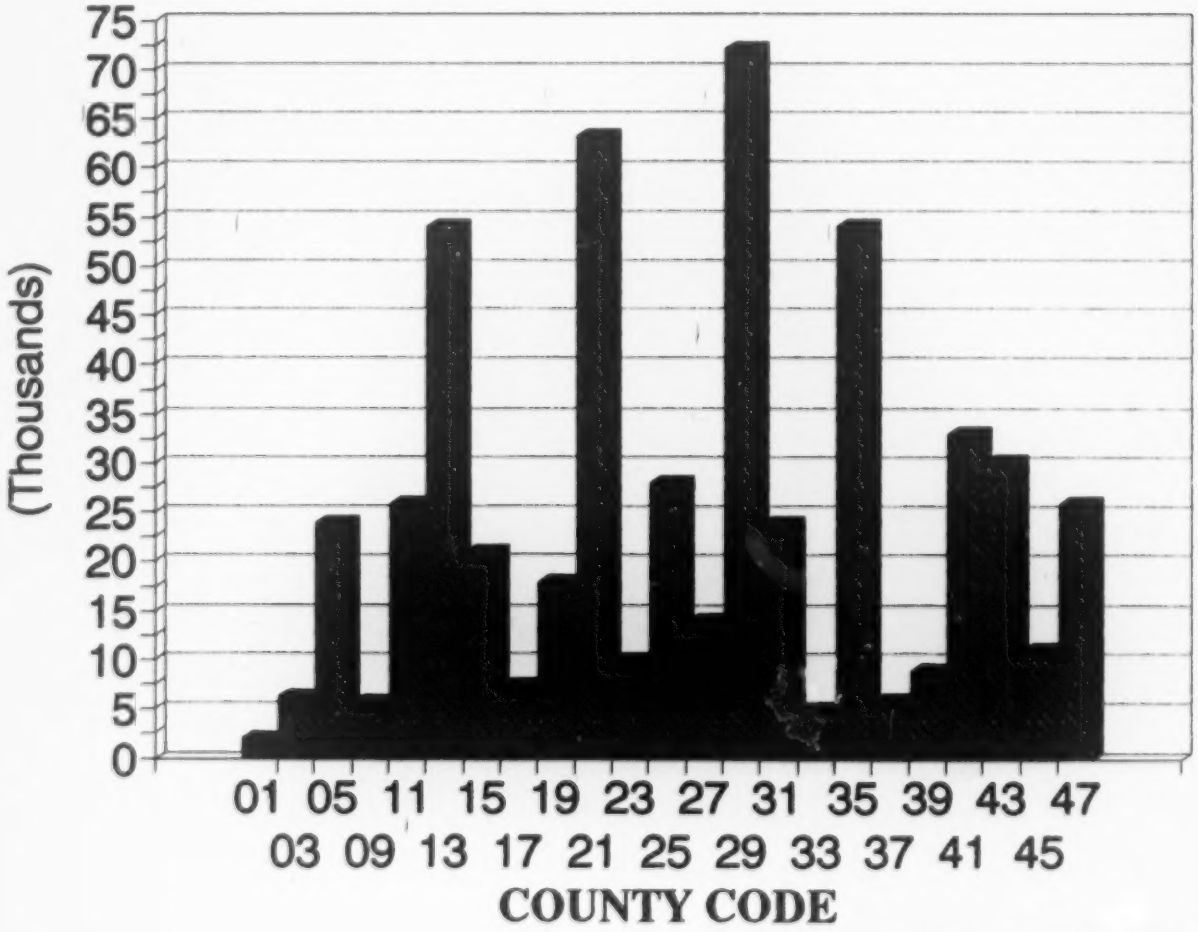
1/ U.S. average prices and values per unit computed by weighting state prices by estimated sales.
2/ Light air cured types 31 and 32.

Crops: Acreage, Yield, Production And Value, United States, 1985 - 1990 .. Continued

Crop	Year	Acreage		Unit	Production		Season Average Price	Value Of Production 1/
		Planted	Harvested		Per Acre	Total		
		Thous. Acres			Units	Dollars Thous.	Thous. Per Unit	Dollars
Potatoe Summer	1985	115.2	111.5	Cwt	245	27,294	4.86	132,717
	1986	99.8	94.0	Cwt	220	20,698	7.02	144,666
	1987	103.5	100.5	Cwt	227	22,833	6.32	143,569
	1988	96.4	91.8	Cwt	220	20,154	7.55	151,451
	1989	97.2	93.5	Cwt	237	22,155	---	----
	1990	103.5	96.3	Cwt	239	23,044	---	----
Sweet Potatoes	1985	108.2	103.3	Cwt	141	14,573	8.81	130,450
	1986	94.5	90.8	Cwt	136	12,368	10.90	138,551
	1987	92.3	88.9	Cwt	131	11,611	11.60	133,512
	1988	89.1	85.5	Cwt	128	10,945	12.90	141,202
	1989	89.5	86.0	Cwt	132	11,358	16.40	186,279
	1990	94.5	90.4	Cwt	144	13,020	10.70	139,390
Hay, All	1985	---	60,461	Ton	2.46	148,719	67.60	9,437,282
	1986	---	62,334	Ton	2.49	155,385	59.70	8,610,996
	1987	---	60,133	Ton	2.45	147,457	65.00	8,845,395
	1988	---	65,055	Ton	1.94	126,010	85.20	10,457,326
	1989	---	63,300	Ton	2.30	145,512	85.40	11,514,044
	1990	---	61,557	Ton	2.39	146,985	84.80	11,138,492
Hay, Alfalfa	1985	---	25,647	Ton	3.32	85,121	---	---
	1986	---	26,911	Ton	3.41	91,865	---	---
	1987	---	25,435	Ton	3.31	84,225	---	---
	1988	---	26,750	Ton	2.59	69,304	---	---
	1989	---	25,944	Ton	2.98	77,370	---	---
	1990	---	25,401	Ton	3.29	83,555	---	---
Hay, All Other	1985	---	34,814	Ton	1.83	63,598	---	---
	1986	---	35,423	Ton	1.79	63,520	---	---
	1987	---	34,698	Ton	1.82	63,232	---	---
	1988	---	38,305	Ton	1.48	56,706	---	---
	1989	---	37,356	Ton	1.82	68,142	---	---
	1990	---	36,156	Ton	1.75	63,430	---	---
Vegetables 1/	1985	2,551	2,463	Ton	---	22,652	---	3,950,708
	1986	2,419	2,309	Ton	---	22,426	---	4,149,300
	1987	2,534	2,435	Ton	---	23,919	---	4,572,102
	1988	2,568	2,470	Ton	---	23,439	---	4,751,645
	1989	2,739	2,620	Ton	---	27,122	---	5,406,781
	1990	2,822	2,667	Ton	---	28,088	---	4,956,447
Apples 1/ 2/	1985	---	---	Lb	---	7,826,800	.117	914,308
	1986	---	---	Lb	---	7,833,300	.134	1,046,842
	1987	---	---	Lb	---	10,451,300	.086	903,059
	1988	---	---	Lb	---	9,078,400	.127	1,149,723
	1989	---	---	Lb	---	9,917,400	.104	1,034,437
	1990	---	---	Lb	---	9,658,200	.150	1,448,674
Peaches	1985	---	---	Lb	---	2,047,200	.144	293,784
	1986	---	---	Lb	---	2,218,100	.140	310,805
	1987	---	---	Lb	---	2,238,900	.138	308,970
	1988	---	---	Lb	---	2,448,600	.156	382,182
	1989	---	---	Lb	---	2,208,800	.163	360,751
	1990	---	---	Lb	---	2,110,600	.173	365,443
Total Principal Crop	1985	343,981	330,010	---	---	---	---	76,667,221
	1986	327,008	311,240	---	---	---	---	58,011,256
	1987	304,945	289,422	---	---	---	---	66,366,715
	1988	308,170	289,846	---	---	---	---	72,746,379
	1989	317,083	305,597	---	---	---	---	80,634,783
	1990	319,506	309,051	---	---	---	---	81,125,093

1/ Commercial crops for fresh market and processing combined. Years are not comparable because of changes in estimating program.
2/ Production and value are for utilized production.

MARYLAND
CORN: ACRES PLANTED, 1990



COUNTIES

COUNTY	CODE
ALLEGANY	01
ANNE ARUNDEL	03
BALTIMORE	05
CALVERT	09
CAROLINE	11
CARROLL	13
CECIL	15
CHARLES	17
DORCHESTER	19
FREDERICK	21
GARRETT	23
HARFORD	25
HOWARD	27
KENT	29
MONTGOMERY	31
PRINCE GEORGE'S	33
QUEEN ANNE'S	35
ST. MARY'S	37
SOMERSET	39
TALBOT	41
WASHINGTON	43
WICOMICO	45
WORCESTER	47

MARYLAND AGRICULTURAL STATISTICS SERVICE

Corn For Grain: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1989 - 1990

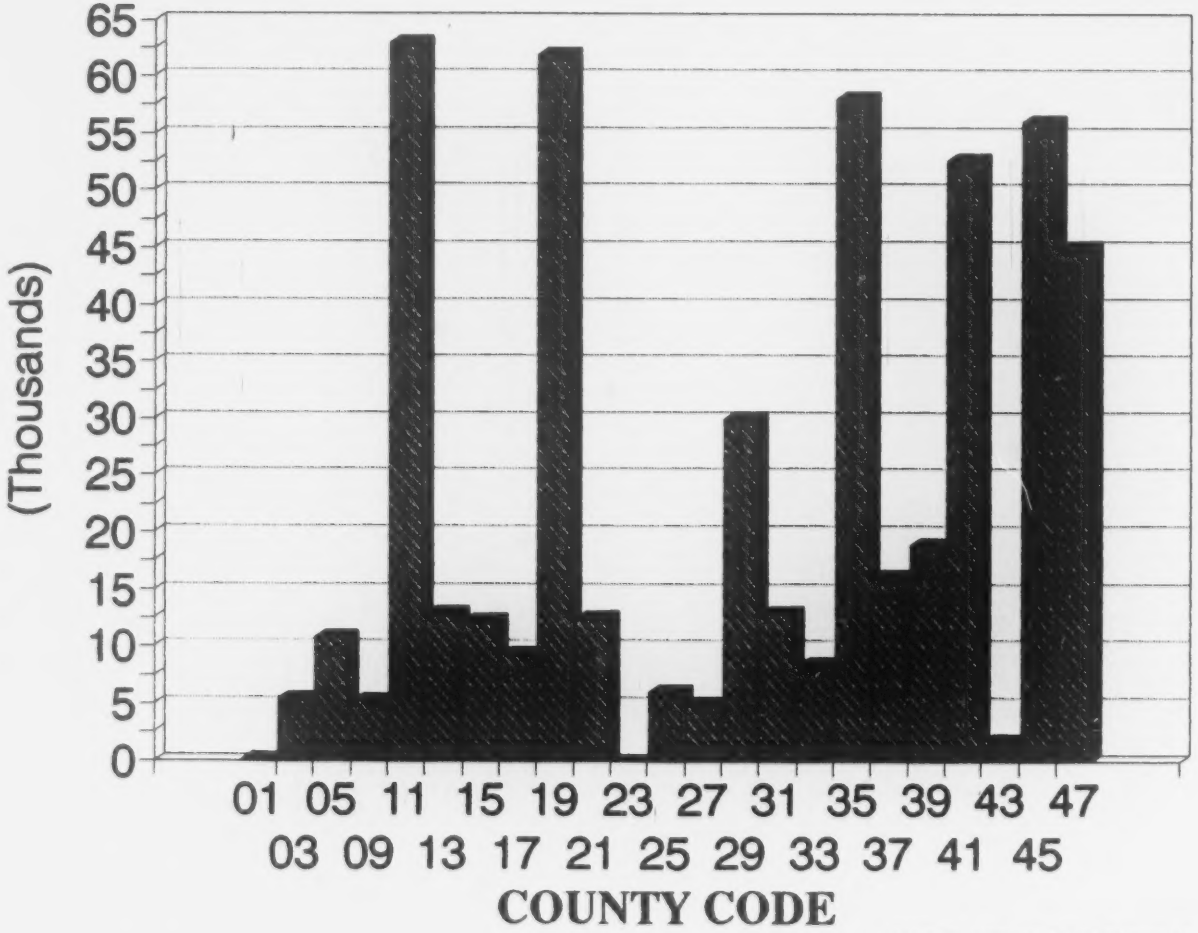
State And County	1989				1990			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted 3/	Harvested			Planted 3/	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	1,600	700	100	70,000	2,200	900	116	104,000
Garrett	8,400	4,300	115	495,000	10,000	4,600	110	506,000
WESTERN	10,000	5,000	113.0	565,000	12,000	5,500	110.9	610,000
Baltimore	23,000	21,200	118	2,502,000	24,000	22,000	123	2,706,000
Carroll	48,000	34,600	117	4,048,000	54,000	40,000	113	4,520,000
Frederick	52,000	26,600	109	2,899,000	63,200	38,000	110	4,180,000
Harford	23,500	21,000	114	2,394,000	28,000	23,000	124	2,852,000
Howard	13,000	11,500	119	1,369,000	14,000	11,000	123	1,353,000
Montgomery	24,500	20,800	110	2,288,000	24,000	20,000	120	2,400,000
Washington	31,000	20,500	105	2,153,000	30,200	19,000	114	2,166,000
NORTH CENTRAL	215,000	156,200	113.0	17,653,000	237,400	173,000	116.6	20,177,000
Anne Arundel	4,400	3,700	108	400,000	6,300	5,400	125	675,000
Calvert	5,600	5,400	85	459,000	5,700	5,400	117	632,000
Charles	4,000	3,800	86	327,000	7,500	7,200	91	655,000
Prince George's	5,000	4,800	88	422,000	5,100	4,500	95	428,000
St. Mary's	6,000	5,800	89	516,000	6,000	5,700	90	513,000
SOUTHERN	25,000	23,500	90.4	2,124,000	30,600	28,200	102.9	2,903,000
West Of Bay	250,000	184,700	110.1	20,342,000	280,000	206,700	114.6	23,690,000
Caroline	19,800	17,700	108	1,912,000	26,000	23,600	116	2,738,000
Cecil	19,500	16,000	107	1,712,000	21,000	16,600	125	2,075,000
Kent	55,000	51,000	108	5,508,000	72,000	64,600	126	8,127,000
Queen Anne's	50,700	48,700	110	5,345,000	54,000	46,900	123	5,769,000
Talbot	24,000	22,800	109	2,485,000	33,000	29,300	121	3,545,000
NORTHERN EASTERN SHORE	169,000	156,200	108.6	16,962,000	206,000	181,000	123.0	22,254,000
Dorchester	14,400	13,900	113	1,570,000	18,000	17,600	110	1,936,000
Somerset	8,300	8,000	115	920,000	9,000	8,700	113	983,000
Wicomico	11,800	11,400	111	1,265,000	11,000	10,600	117	1,240,000
Worcester	26,500	25,800	114	2,941,000	26,000	25,400	118	2,997,000
SOUTHERN EASTERN SHORE	61,000	59,100	113.3	6,696,000	64,000	62,300	114.9	7,156,000
East Of Bay	230,000	215,300	110	23,658,000	270,000	243,300	121	29,410,000
STATE	480,000	400,000	110.0	44,000,000	550,000	450,000	118.0	53,100,000
DELAWARE								
New Castle	44,000	41,500	99	4,109,000	59,000	57,000	117	6,669,000
Kent	39,500	36,700	97	3,560,000	51,000	47,000	114	5,358,000
Sussex	56,500	54,800	103	5,631,000	70,000	68,000	114	7,753,000
STATE	140,000	133,000	100.0	13,300,000	180,000	172,000	115.0	19,780,000
VIRGINIA (Eastern Shore)								
Accomack	5,000	4,900	121.0	592,900	5,000	4,800	119.0	571,200
Northampton 1/	---	---	---	---	---	---	---	---
DELMARVA 2/	375,000	353,200	106.3	37,550,900	455,000	420,100	118.5	49,761,200

1/ Not published to avoid disclosure of individual operations.
2/ Delmarva totals do not include Northampton totals.
3/ Planted acres are for all purposes.

Corn For Silage: Yield, Acreage And Production By Counties, Maryland And Delaware 1989 - 1990

State And County	1989			1990		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
MARYLAND	Acres	Tons	Tons	Acres	Tons	Tons
Allegany	800	15	12,000	1,000	12	12,000
Garrett	3,900	15	59,000	5,200	12	62,400
WESTERN	4,700	15.1	71,000	6,200	12.0	74,400
Baltimore	1,500	15	23,000	1,700	12	20,400
Carroll	13,100	165	197,000	13,700	15	206,000
Frederick	25,000	17	421,200	24,800	14	347,000
Harford	2,100	17	35,700	4,600	15	69,000
Howard	1,400	17	24,000	2,900	15	44,000
Montgomery	1,400	17	24,000	3,800	14	53,000
Washington	3,500	18	63,000	11,000	15	164,500
NORTH CENTRAL	56,900	16.3	928,900	62,500	14.5	903,900
Anne Arundel	600	17	10,200	800	16	12,800
Calvert	100	16	1,600	200	15	3,000
Charles	100	17	1,700	200	16	3,200
Prince George's	100	14	1,400	500	14	7,000
St. Mary's	100	15	1,500	200	15	3,000
SOUTHERN	1,000	16.4	16,400	1,900	15.3	29,000
West Of Bay	62,600	16.2	1,016,300	70,600	14.3	1,007,300
Caroline	1,900	13	24,700	2,200	15	33,000
Cecil	3,300	15	49,500	4,200	14	59,000
Kent	3,500	16	56,000	6,900	12	83,000
Queen Anne's	1,600	15	24,000	6,700	13	87,000
Talbot	800	16	12,800	3,300	14	46,200
NORTHERN EASTERN SHORE	11,100	15.0	67,000	23,300	13.2	308,200
Dorchester	400	13	5,200	300	13	3,900
Somerset	200	12	2,400	200	14	2,800
Wicomico	300	13	3,900	300	13	3,900
Worcester	400	13	5,200	300	13	3,900
SOUTHERN EASTERN SHORE	1,300	12.8	16,700	1,100	13.2	14,500
East Of Bay	12,400	15	183,700	24,400	13	322,700
State	75,000	16.0	1,200,000	95,000	14.0	1,330,000
DELAWARE						
New Castle	2,100	17	35,700	1,600	15	24,000
Kent	2,500	15	37,900	3,700	16	61,000
Sussex	1,400	16	22,400	1,700	16	27,000
State	6,000	16.0	96,000	7,000	16.0	112,000

MARYLAND
SOYBEANS: ACRES PLANTED, 1990



COUNTIES

COUNTY	CODE
ALLEGANY	01
ANNE ARUNDEL	03
BALITMORE	05
CALVERT	09
CAROLINE	11
CARROLL	13
CECIL	15
CHARLES	17
DORCHESTER	19
FREDERICK	21
GARRETT	23
HARFORD	25
HOWARD	27
KENT	29
MONTGOMERY	31
PRINCE GEORGE'S	33
QUEEN ANNE'S	35
ST. MARY'S	37
SOMERSET	39
TALBOT	41
WASHINGTON	43
WICOMICO	45
WORCESTER	47

MARYLAND AGRICULTURAL STATISTICS SERVICE

Soybeans: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1989 - 1990

State And County	1989				1990			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	100	100	30	3,000	100	100	37	3,700
Garrett	0	0	0	0	0	0	0	0
WESTERN	100	100	30.0	3,000	100	100	37.0	3,700
Baltimore	9,800	9,600	35	336,000	10,800	10,600	37	392,000
Carroll	15,100	14,600	33	482,000	13,000	12,600	38	479,000
Frederick	10,100	9,800	32	314,000	12,500	12,200	39	476,000
Harford	6,500	6,200	34	211,000	6,000	5,600	39	218,000
Howard	4,000	3,900	32.1	125,000	5,000	4,700	41	193,000
Montgomery	13,800	13,300	30	399,000	13,000	12,700	40	508,000
Washington	2,700	2,600	30	78,000	1,700	1,600	39	62,000
NORTH CENTRAL	62,000	60,000	32.4	1,945,000	62,000	60,000	38.8	2,328,000
Anne Arundel	9,000	8,700	32	278,000	5,500	5,400	36	194,000
Calvert	5,200	5,000	29	145,000	5,300	5,200	35	182,000
Charles	13,500	13,000	27	351,000	9,500	9,300	32	298,000
Prince George's	10,300	10,000	26	260,000	8,500	8,000	32	256,000
St. Mary's	18,000	17,300	27	467,000	16,200	15,800	32	506,000
SOUTHERN	56,000	54,000	27.8	1,501,000	45,000	43,700	32.9	1,436,000
West Of Bay	118,100	114,100	30.2	3,449,000	107,100	103,800	36.3	3,767,700
Caroline	65,200	62,500	32	2,000,000	63,000	62,200	36	2,226,000
Cecil	14,500	13,900	30	417,000	12,400	12,200	40	488,000
Kent	40,000	38,500	31	1,194,000	30,000	29,400	39	1,147,000
Queen Anne's	67,500	65,400	27.7	1,810,000	58,000	57,000	39	2,223,000
Talbot	55,700	53,700	28	1,504,000	52,600	51,800	36	1,865,000
NORTHERN EASTERN SHORE	242,900	234,000	29.6	6,925,000	216,000	212,600	37.4	7,949,000
Dorchester	73,000	70,800	30	2,124,000	61,900	61,000	35	2,135,000
Somerset	26,000	25,200	31	781,000	19,000	18,300	34	622,000
Wicomico	65,000	62,000	30	1,860,000	56,000	55,000	33	1,815,000
Worcester	45,000	43,900	31	1,361,000	45,000	44,300	35	1,531,300
SOUTHERN EASTERN SHORE	209,000	201,900	30.3	6,126,000	181,900	178,600	34.2	6,103,000
East Of Bay	451,900	435,900	29.9	13,051,000	397,900	391,200	35.9	14,052,300
STATE	570,000	550,000	30.0	16,500,000	505,000	495,000	36.0	17,820,000
DELAWARE								
New Castle	20,000	19,500	28	546,000	16,000	15,800	36	569,000
Kent	68,000	67,000	30	2,010,000	42,000	41,800	37	1,547,000
Sussex	167,000	163,500	28.7	4,694,000	142,000	141,400	33	4,650,000
STATE	255,000	250,000	29.0	7,250,000	200,000	199,000	34.0	6,766,000
VIRGINIA (Eastern Shore)								
Accomack	58,000	57,900	32.0	1,852,800	56,000	55,100	31.0	1,708,100
Northampton	28,000	27,900	34.0	948,600	27,200	27,000	30.0	810,000
DELMARVA	792,900	771,700	29.9	23,102,400	681,100	672,300	34.7	23,336,400

Wheat: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1989 - 1990

State And County	1989				1990			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	300	200	43	8,600	300	200	54	10,800
Garrett	300	300	41	12,400	300	200	53	10,600
WESTERN	600	500	42.0	21,000	600	400	53.5	21,400
Baltimore	4,500	4,300	39	168,000	4,200	4,100	50	205,000
Carroll	11,500	10,400	40	416,000	10,600	10,200	53	541,000
Frederick	14,900	13,400	42	563,000	15,000	13,000	51	663,600
Harford	5,300	4,800	41	197,000	5,000	4,800	55	264,000
Howard	4,000	3,700	41	152,000	3,500	3,000	54	162,000
Montgomery	7,800	7,300	43	314,000	6,500	5,800	52	302,000
Washington	5,700	5,300	42	223,000	5,200	4,700	55	259,000
NORTH CENTRAL	53,700	49,200	41.3	2,033,000	50,000	45,600	52.6	2,396,600
Anne Arundel	900	800	36	29,000	1,000	800	50	40,000
Calvert	2,600	2,400	38	91,000	2,000	1,900	44	84,000
Charles	3,000	2,500	37	93,000	2,300	1,800	45	81,000
Prince George's	1,600	1,300	38	49,000	1,300	1,100	44	48,000
St. Mary's	5,600	4,600	36	166,000	3,800	3,600	46	166,000
SOUTHERN	13,700	11,600	36.9	428,000	10,400	9,200	45.5	419,000
West Of Bay	68,000	61,300	40.5	2,482,000	61,000	55,200	51.4	2,837,000
Caroline	41,000	38,700	39	1,493,000	35,000	34,000	51	1,733,000
Cecil	7,000	6,700	41	275,000	6,000	5,800	56	325,000
Kent	14,000	13,300	41	545,000	13,000	12,300	56	689,000
Queen Anne's	25,000	23,500	40	940,000	21,900	20,800	56	1,165,000
Talbot	23,000	21,500	40	860,000	18,100	17,600	53	933,000
NORTHERN EASTERN SHORE	110,000	103,700	39.7	4,113,000	94,000	90,500	53.5	4,845,000
Dorchester	26,100	25,400	42	1,067,000	20,700	20,300	48	974,000
Somerset	9,400	9,200	40	368,000	8,800	8,700	51	444,000
Wicomico	10,000	9,400	37	348,000	10,400	10,300	50	515,000
Worcester	6,500	6,000	37	222,000	5,100	5,000	53	265,000
SOUTHERN EASTERN SHORE	52,000	50,000	40.1	2,005,000	45,000	44,300	49.6	2,198,000
East Of Bay	162,000	153,700	39.8	6,118,000	139,000	134,800	52.2	7,043,000
STATE	230,000	215,000	40.0	8,600,000	200,000	190,000	52.0	9,880,000
DELAWARE								
New Castle	10,000	9,300	47.0	437,000	10,000	9,600	50	480,000
Kent	32,000	28,700	42.9	1,231,000	23,000	21,000	50	1,050,000
Sussex	38,000	36,000	40.0	1,440,000	32,000	29,400	52	1,530,000
STATE	80,000	74,000	42.0	3,108,000	65,000	60,000	51.0	3,060,000
VIRGINIA (Eastern Shore)								
Accomack	15,500	15,400	54.0	831,600	16,000	15,400	54.0	831,600
Northampton	11,500	11,400	53.0	604,200	11,000	10,700	57.0	609,900
DELMARVA	269,000	254,500	41.9	10,661,800	231,000	220,900	52.3	11,544,500

Barley: Acreage, Yield And Production By Counties, Maryland And Delmarva, 1989 - 1990

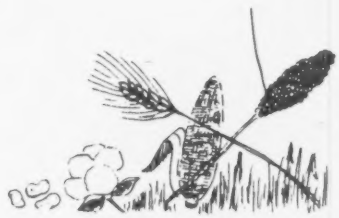
State And County	1989				1990			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	500	400	55	22,000	400	300	70	21,000
Garrett	600	500	56	28,000	500	400	70	28,000
WESTERN	1,100	900	55.6	50,000	900	700	70.0	49,000
Baltimore	3,200	2,800	53	148,000	2,600	2,200	70	154,000
Carroll	8,000	7,100	51	362,000	5,000	4,400	63	277,000
Frederick	7,500	6,500	51	332,000	7,000	5,800	65	377,000
Harford	2,100	1,900	53	101,000	1,700	1,500	67	101,000
Howard	3,200	2,900	52	151,000	3,100	2,800	72	202,000
Montgomery	1,900	1,600	52	83,000	1,400	1,100	70	77,000
Washington	3,900	3,100	50	155,000	3,200	2,900	66	191,000
NORTH CENTRAL	29,800	25,900	51.4	1,332,000	24,000	20,700	66.6	1,379,000
Anne Arundel	200	200	49	9,800	200	100	73	7,300
Calvert	900	800	47	37,600	600	500	72	36,000
Charles	600	500	46	23,000	400	400	71	28,400
Prince George's	100	100	47	4,700	100	100	71	7,100
St. Mary's	1,900	1,700	45	76,900	1,400	1,300	68	88,200
SOUTHERN	3,700	3,300	46.1	152,000	2,700	2,400	69.6	167,000
West Of Bay	34,600	30,100	51.0	1,534,000	27,600	23,800	67.0	1,595,000
Caroline	17,000	15,100	50	752,000	11,700	11,000	68	748,000
Cecil	1,800	1,500	52	78,000	1,400	1,300	73	95,000
Kent	3,300	2,900	51	148,000	2,100	1,800	69	435,000
Queen Anne's	8,700	8,000	51	408,000	6,800	6,300	69	435,000
Talbot	5,300	4,500	50	225,000	4,300	3,800	68	258,000
NORTHERN EASTERN SHORE	36,100	32,000	50.3	1,611,000	26,300	24,200	68.6	1,660,000
Dorchester	13,000	12,300	48	590,000	11,100	10,500	68	717,000
Somerset	2,700	2,400	48	115,000	2,200	2,000	70	140,000
Wicomico	2,500	2,200	47	103,000	1,900	1,700	68	116,000
Worcester	1,100	1,000	47	47,000	900	800	70	56,000
SOUTHERN EASTERN SHORE	19,300	17,900	47.8	855,000	16,100	15,000	68.6	1,0239,000
East Of Bay	55,400	49,900	49.4	2,466,000	42,400	39,200	68.6	2,689,000
STATE	90,000	80,000	50.0	4,000,000	70,000	63,000	68.0	4,284,000
DELAWARE								
New Castle	4,400	3,700	58.1	215,000	2,600	2,400	73	175,000
Kent	22,600	18,000	55.4	997,000	13,900	12,500	70	875,000
Sussex	23,000	18,300	54.0	988,000	13,500	12,100	69	840,000
STATE	50,000	40,000	55.0	2,200,000	30,000	27,000	70.0	1,890,000
VIRGINIA (Eastern Shore)								
Accomack	5,000	4,700	72.0	338,400	5,500	5,200	66.0	343,200
Northampton	3,100	3,000	78.0	234,000	3,000	2,900	71.0	205,900
DELMARVA	113,500	97,600	53.7	5,238,400	80,900	74,300	69.0	5,128,100

Oats: Yield And Production By Counties, Maryland 1989 - 1990

State And County	1989				1990			
	Acres		Yield Per Acre	Production	Acres		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
MARYLAND	Acres		Bushels		Acres		Bushels	
Allegany	900	700	53	37,100	700	400	61	24,400
Garrett	5,800	5,300	53	280,900	5,900	5,200	62	322,100
WESTERN	6,700	6,000	53.0	318,000	6,600	5,600	61.9	346,500
Baltimore	1,300	1,200	56	67,000	1,000	800	56	44,900
Carroll	3,800	3,600	56.3	202,500	2,500	2,000	59.0	118,000
Frederick	3,200	2,600	56	146,000	2,200	1,600	59	94,400
Harford	1,200	1,000	56	56,000	1,200	700	56	39,200
Howard	800	700	56	39,000	700	600	57	34,200
Montgomery	1,300	1,000	55	55,000	800	500	56	28,000
Washington	4,700	4,000	56	224,000	2,700	1,900	59	112,100
NORTH CENTRAL	16,300	14,100	56.0	789,500	11,100	8,100	58.1	470,800
Anne Arundel	100	100	55	5,500	100	100	50	5,000
Calvert	200	100	56	5,600	100	100	50	5,000
Charles	400	300	54	16,200	400	300	53	15,900
Prince George's	600	500	56	28,000	400	300	49	14,700
St. Mary's	800	600	57	34,200	600	500	54	26,900
SOUTHERN	2,100	1,600	55.9	89,500	1,600	1,300	51.9	67,500
West Of Bay	25,100	21,700	55.2	1,197,000	19,300	15,000	59.0	884,800
Caroline	100	100	53	5,300	100	100	49	4,900
Cecil	400	300	52	15,600	300	100	56	5,600
Kent	200	200	54	10,800	200	100	50	5,000
Queen Anne's	1,400	1,000	56	56,000	1,400	1,000	51	51,000
Talbot	200	200	55	11,000	200	200	50	10,000
NORTHERN EASTERN SHORE	2,300	1,800	54.8	98,700	2,200	1,500	51.0	76,500
Dorchester	100	100	49	4,900	100	100	49	4,900
Somerset	100	100	48	4,800	100	100	50	5,000
Wicomico	300	200	49	9,800	200	200	49	9,800
Worcester	100	100	48	4,800	100	100	50	5,000
SOUTHERN EASTERN SHORE	600	500	48.6	24,300	500	500	49.4	24,700
East Of Bay	2,900	2,300	53.5	123,000	2,700	2,000	50.6	101,200
STATE	28,000	24,000	55.0	1,320,000	22,000	17,000	58.0	986,000

All Hay: Acreage, Yield And Production By Counties, Maryland, 1989 - 1990

State And County	1989			1990		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
MARYLAND	Acres	Tons	Tons	Acres	Tons	Tons
Allegany	8,400	2.20	18,500	8,000	3.20	25,600
Garrett	27,100	2.10	56,900	26,000	3.10	80,600
WESTERN	35,500	2.12	75,400	34,000	3.12	106,200
Baltimore	12,400	3.10	38,400	11,700	3.20	37,400
Carroll	28,600	2.90	82,900	25,500	3.00	76,500
Frederick	56,100	2.70	151,500	55,000	3.15	173,400
Harford	13,900	2.80	38,900	13,000	3.40	44,200
Howard	7,500	3.20	24,000	7,000	2.10	14,700
Montgomery	12,600	2.50	31,500	11,800	2.00	23,600
Washington	24,000	2.40	57,600	23,000	3.20	73,600
NORTH CENTRAL	155,100	2.74	424,800	147,000	3.02	443,400
Anne Arundel	4,300	1.70	7,300	3,800	3.21	12,200
Calvert	2,100	1.62	3,400	1,900	2.00	3,800
Charles	4,000	1.70	6,800	3,700	2.41	8,900
Prince George's	4,900	2.51	12,300	4,000	2.50	10,000
St. Mary's	4,600	2.11	9,700	3,600	3.00	10,800
SOUTHERN	19,900	1.98	39,500	17,000	2.69	45,700
West Of Bay	210,500	2.56	539,700	198,000	3.01	595,300
Caroline	3,500	3.00	10,500	3,000	3.10	9,300
Cecil	9,900	3.00	29,700	8,900	3.00	26,700
Kent	5,600	3.11	17,400	5,400	3.20	17,300
Queen Anne's	4,200	2.81	11,800	3,900	3.00	11,700
Talbot	1,900	2.79	5,300	1,800	3.22	5,800
NORTHERN EASTERN SHORE	25,100	2.98	74,700	23,000	3.08	70,800
Dorchester	1,000	3.10	3,100	900	2.89	2,600
Somerset	1,300	3.54	4,600	1,200	3.08	3,700
Wicomico	900	3.22	2,900	800	3.00	2,400
Worcester	1,200	3.33	4,000	1,100	2.91	3,200
SOUTHERN EASTERN SHORE	4,400	3.32	14,600	4,000	2.98	11,900
East Of Bay	29,500	3.03	89,300	27,000	3.06	82,700
STATE	240,000	2.62	629,000	225,000	3.01	678,000

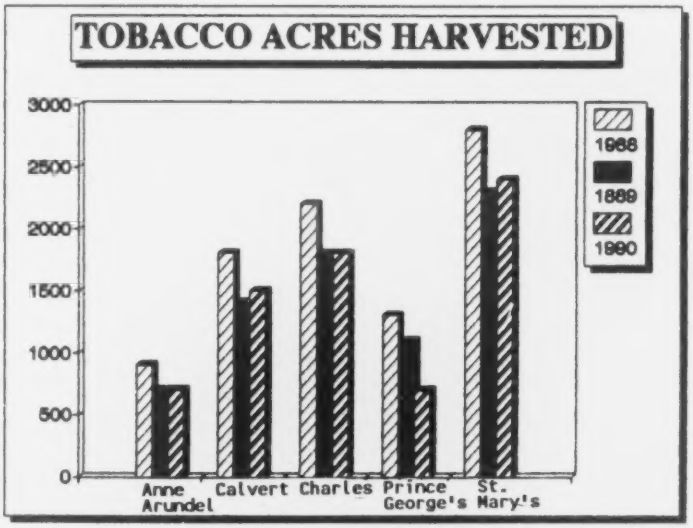


Tobacco: Acreage, Yield And Production, By Counties
Maryland,1989-1990

County	1989			1990		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Anne Arundel	700	1,070	749,000	700	1,370	959,000
Calvert	1,400	990	1,386,000	1,500	1,350	2,025,000
Charles	1,800	1,100	1,980,000	1,800	1,360	2,440,000
Prince George's	1,100	1,050	1,155,000	700	1,280	896,000
St. Mary's	2,300	1,232	2,833,000	2,400	1,390	3,336,000
State	7,300	1,110	8,103,000	7,100	1,360	9,656,000

Mushrooms: Area, Production, Price And Value,
Maryland, 1980 - 1990
July 1 To June 30

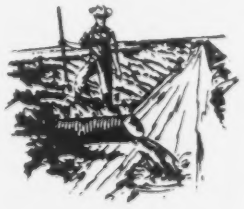
Year	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	Thous. Square Feet				Thous. Pounds	Cents	Thous. Dollars
1980-1981	437	292	144	873	2,421	70.5	1,708
1981-1982	376	256	176	808	2,316	61.6	1,426
1982-1983	355	284	191	830	2,291	67.6	1,548
1983-1984	372	261	126	759	2,146	71.5	1,535
1984-1985	346	264	123	733	2,116	65.8	1,392
1985-1986	267	207	254	728	1,734	65.9	1,143
1986-1987	228	228	231	687	1,786	73.3	1,310
1987-1988	221	195	246	662	2,058	79.0	1,625
1988-1989	205	205	254	664	2,056	76.9	1,582
1989-1990	247	229	317	793	2,335	69.6	1,625



Stocks Of Grain By Quarters, Maryland 1988 - 1990

Crop And Date	1988			1989			1990		
	On Farm	Off Farm	Total	On Farm	Off Farm	Total	On Farm	Off Farm	Total
		Thous. Bushels			Thous. Bushels			Thous. Bushels	
Corn									
December 1	1/	12,643	1/	1/	14,172	1/	1/	16,996	1/
March 1	1/	11,178	1/	1/	11,722	1/	1/	11,978	1/
June 1	1/	8,965	1/	1/	5,468	1/	1/	4,741	1/
September	1/	4,242	1/	1/	1,521	1/	1/	1,196	1/
Oats									
September 1	--	--	--	--	--	--	1/	--	1/
December 1	--	--	--	--	--	--	1/	--	1/
March 1	--	--	--	--	--	--	1/	65	1/
June 1	1/	1/	1/	1/	87	1/	1/	70	1/
Barley									
September 1	1/	900	1/	1/	849	1/	1/	1,277	1/
December 1	1/	705	1/	1/	982	1/	1/	714	1/
March 1	--	--	--	--	250	---	1/	430	1/
June 1	1/	1/	1/	1/	125	1/	1/	307	1/
Wheat									
September 1	1/	2,864	1/	1/	2,996	1/	1/	3,235	1/
December 1	1/	2,609	1/	1/	1,609	1/	1/	2,031	1/
March 1	1/	1/	1/	1/	1,520	1/	1/	524	1/
June 1	1/	1/	1/	1/	77	1/	1/	1/	1/
Hay		Thous. Tons			Thous. Tons			Thous. Tons	
December 1	484	--	--	421	--	--	515	--	--
May 1	114	--	--	113	--	--	115	--	--

1/ Not published to avoid disclosure of individual operations.



Fruit Production, Price And Cash Receipts 1982 - 1990

Year	Total Production	Utilized Production	Season Average Price	Value Of Utilized Production
	Million Pounds	Million Pounds	Cents Per lb.	Thous. Dollars
		Apples		
1982	80.0	80.0	13.7	10,976
1983	70.0	70.0	10.8	7,581
1984	80.0	80.0	11.4	9,135
1985	80.0	76.0	10.2	7,764
1986	87.0	85.0	11.3	9,641
1987	40.0	38.0	10.3	3,930
1988	54.0	52.0	12.2	6,334
1989	37.0	37.0	11.2	4,147
1990	33.0	33.0	13.7	4,521
		Peaches		
1982	17.0	17.0	22.6	3,845
1983	22.0	22.0	19.5	4,300
1984	19.0	18.0	19.3	3,472
1985	1.0	1.0	26.2	262
1986	20.0	20.0	20.4	4,088
1987	11.0	9.0	15.4	1,385
1988	12.8	9.8	18.9	1,850
1989	7.6	7.6	28.0	2,127
1990	4.0	4.0	32.7	1,309

Processed Apple Utilization 1982 - 1990

Year	Canned		Juice & Cider		Frozen		Other 1/	
	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton	Million Pounds	Dollars Per Ton
1982	15.9	134	14.0	104	1.8	152	0.3	127
1983	16.1	122	10.9	84	1.7	160	0.3	80
1984	21.7	138	10.9	98	2.3	148	0.1	94
1985	22.0	138	11.7	77	1.1	160	0.2	79
1986	17.8	128	16.0	114	4.0	142	0.2	100
1987	10.0	116	5.8	94	2.0	128	0.2	108
1988	15.0	156	8.8	100	1.0	140	0.2	102
1989	15.2	152	4.0	92	1.6	182	0.2	102
1990	11.0	214	2.2	122	2/	2/	2/	2/

1/ Includes vinegar, wine, jam and fresh slices for pie fillings, etc.

Apple Utilization 1982 - 1990

Year	Fresh Market		Processed		Total Utilized Production Million Pounds
	Million Pounds	Cents Per Pound	Million Pounds	Dollars Per Ton	
1982	48.0	18.8	32.0	122	80.0
1983	41.0	14.6	29.0	110	70.0
1984	45.0	15.4	35.0	126	80.0
1985	41.0	13.9	35.0	118	76.0
1986	47.0	15.5	38.0	123	85.0
1987	20.0	14.7	18.0	110	38.0
1988	27.0	17.2	25.0	135	52.0
1989	16.0	16.6	21.0	142	37.0
1990	19.0	16.5	14.0	197	33.0

Vegetables For Fresh Market: Acreage, Yield, Production And Value, Maryland 1988 - 1990

Crop	Season	Year	Planted	Harvested	Production		Season Average Price	Value of Production
					Per Acre	Total		
			----- Acres -----		Cwt	Thous. Cwt	Dollars Per Cwt	Thous. Dollars
Snap Beans:	Summer	1988	1,960	1,905	26	50	41.80	2,090
		1989	1,990	1,900	37	70	36.50	2,555
		1990	2,100	2,000	26	52	45.70	2,376
Sweet Corn:	Summer	1988	9,555	9,085	33	300	18.40	5,520
		1989	10,055	9,760	54	527	18.70	9,855
		1990	11,140	10,855	53	575	20.00	11,500
Cucumbers:	Summer	1988	1,085	1,045	90	94	14.20	1,335
		1989	1,100	1,070	105	112	14.00	1,568
		1990	1,055	1,015	105	107	21.00	2,247
Tomatoes:	Summer	1988	2,700	2,500	135	338	30.40	10,275
		1989	2,800	2,600	165	429	24.60	10,553
		1990	2,900	2,700	147	397	36.60	14,530
Cantaloupes:		1988	1,810	1,740	78	136	20.00	2,720
		1989	2,000	1,940	64	124	21.50	2,666
		1990	1,980	1,920	79	152	24.40	3,709
Watermelons:	Summer	1988	3,200	3,090	196	606	7.05	4,272
		1989	3,250	3,125	155	484	7.80	3,775
		1990	3,225	3,130	250	783	10.80	8,456
Strawberries		1988	665	660	55	36	60.60	2,182
		1989	700	670	52	35	65.60	2,286
		1990	660	650	72	47	82.00	3,854
Greens		1988	850	810	82	66.42	5.60	1,700
		1989	725	680	56	38.12	9.70	1,132
		1990	785	735	55	40.4	34.90	1,410
Squash		1988	635	610	152	93	24.30	2,260
		1989	670	640	110	70	22.40	1,568
		1990	695	670	91	61	29.30	1,787
Kale		1988	485	485	35	17.0	20.00	340
		1989	570	550	30	16.5	20.70	342
		1990	645	615	31	19.1	19.80	378
Pumpkins		1988	745	720	146	105	10.15	1,103
		1989	880	815	87	71	12.15	863
		1990	1,065	1,000	150	150	24.90	3,735
Green Peas		1988	230	230	17	3.9	39.80	155.2
		1989	200	200	21	4.2	47.00	197.4
		1990	225	215	22	4.7	49.90	234.5
Turnips		1988	110	105	115	12.1	13.40	162.1
		1989	120	120	160	19.2	13.80	265.0
		1990	120	120	200	24.0	21.10	506.4
Broccoli		1988	130	120	28	3.4	62.40	212.2
		1989	160	150	25	3.8	61.40	233.3
		1990	190	180	35	6.3	63.80	401.9
Lima Beans		1988	194	180	20	3.6	49.20	177.1
		1989	210	170	34	5.8	57.10	331.6
		1990	230	200	18	3.6	55.50	199.8
Beets		1988	30	25	80	2.0	32.50	65.0
		1989	30	25	70	1.8	33.50	60.3
		1990	30	25	86	2.2	37.50	82.5
Hot Peppers		1988	35	35	31	1.1	40.00	44.0
		1989	40	40	46	1.8	66.50	119.7
		1990	35	35	47	1.6	44.50	71.2
Spinach		1988	2,270	2,260	36	81.4	43.50	3,541
		1989	2,450	2,385	41	97.8	40.40	3,951
		1990	2,760	2,705	78	211.0	61.20	12,913
Cabbage		1988	505	470	47	22.1	15.80	349
		1989	505 1/	475 1/	91	50.1	14.00	701
		1990	535	510	135	68.9	18.90	1,302
Eggplant		1988	25	25	160	4.0	20.00	80
		1989	20	20	155	3.1	20.70	64
		1990	50	50	170	8.5	32.90	280
Cauliflower		1988	65	65	9	5.9	54.10	319.2
		1989	90	90	44	4.0	54.90	219.6
		1990	100	100	66	6.6	74.00	488.4
Sweet Peppers		1988	300	270	46	12.4	38.40	476.2
		1989	330	300	68	20.4	40.80	832.3
		1990	335	310	51	15.8	39.70	627.3

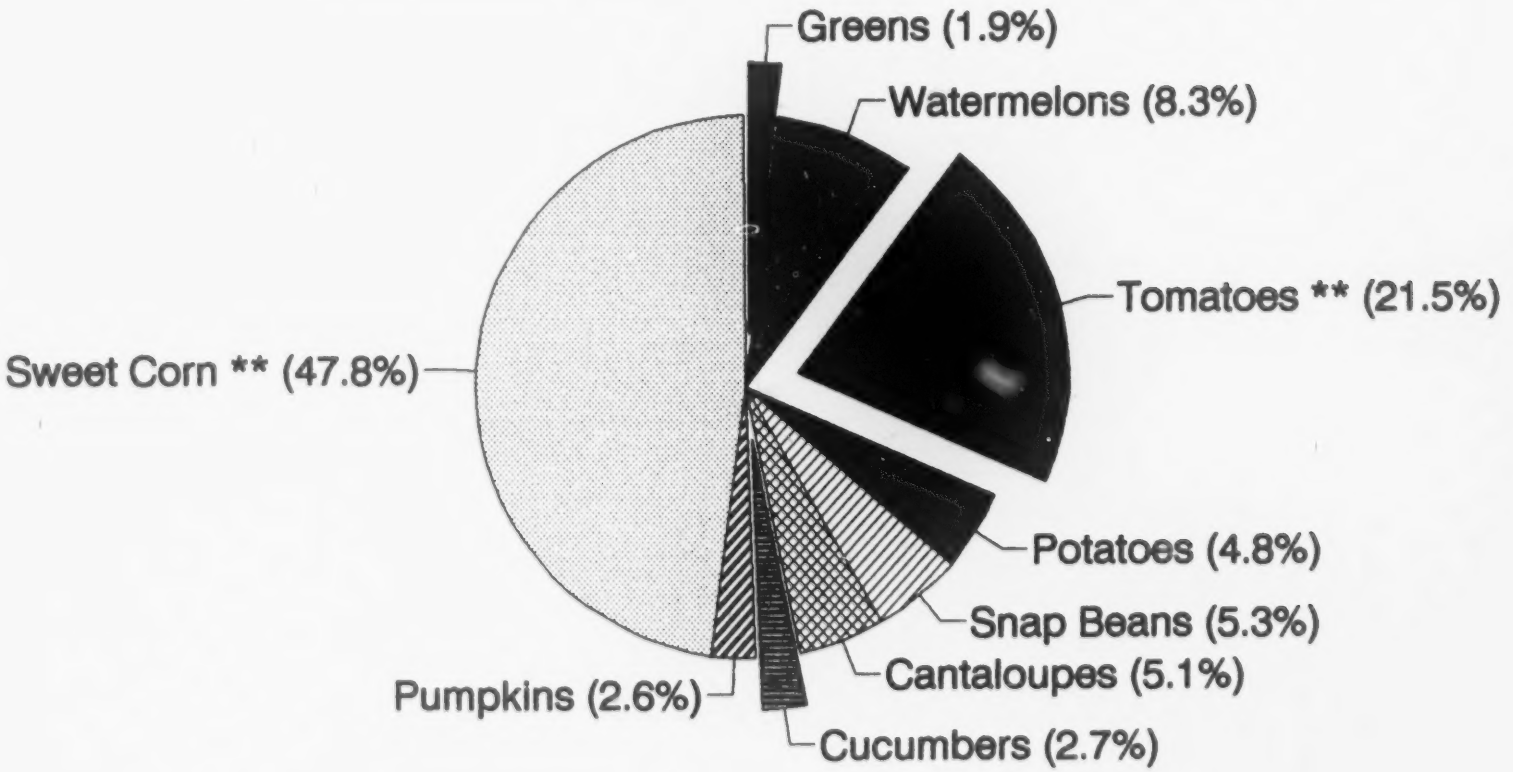
1/ Revised.

Vegetables For Processing: Acreage, Yield, Production And Value, Maryland, 1982 - 1990

Crop	Year	Planted	Harvested	Production		Season Average Price	Value Of Production
				Per Acres	Total		
		Acres		Tons	Tons	Dollars Per Ton	Thous. Dollars
Green Lima Beans 1/	1982 2/	---	---	---	---	---	---
	1983 2/	---	---	---	---	---	---
	1984 2/	---	---	---	---	---	---
	1985 2/	---	---	---	---	---	---
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
	1990 2/	---	---	---	---	---	---
Snap Beans	1982	2,700	2,600	2.43	6,320	217.00	1,371
	1983 2/	---	---	---	---	---	---
	1984 2/	---	---	---	---	---	---
	1985 2/	---	---	---	---	---	---
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
	1990 2/	---	---	---	---	---	---
Sweet Corn	1982	8,600	8,600	4.61	39,950	65.90	2,106
	1983	9,200	8,900	3.59	31,950	65.90	2,106
	1984	8,700	8,300	5.86	48,640	80.00	3,891
	1985	9,200	9,000	6.04	54,360	65.80	3,577
	1986	7,900	7,600	5.46	41,500	48.20	2,000
	1987	6,500	6,300	5.16	32,510	58.00	1,886
	1988	7,000	6,800	5.04	34,270	62.80	2,152
	1989	4,700	4,600	5.24	24,100	73.30	1,767
	1990	7,200	7,100	6.14	43,590	68.50	2,986
Cucumber For Pickles	1982	2,100	2,100	7.12	14,950	150.00	2,243
	1983	1,700	1,600	7.98	12,760	147.00	1,876
	1984	3,500	3,500	7.51	26,290	147.00	3,865
	1985	4,000	3,900	7.27	28,350	143.00	4,054
	1986	3,300	3,300	6.39	21,090	193.00	4,070
	1987	2,200	2,200	7.40	16,280	203.00	3,305
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
	1990 2/	---	---	---	---	---	---
Green Peas 1/	1982	3,100	3,100	1.72	5,330	275.00	1,466
	1983	3,000	2,900	1.17	3,390	232.00	786
	1984	2,600	2,500	1.63	4,080	282.00	1,151
	1985	1,900	1,900	2.12	4,030	304.00	1,225
	1986 2/	---	---	---	---	---	---
	1987 2/	---	---	---	---	---	---
	1988 2/	---	---	---	---	---	---
	1989 2/	---	---	---	---	---	---
	1990 2/	---	---	---	---	---	---
Tomatoes	1982	4,100	4,100	15.76	64,620	82.00	5,299
	1983	2,600	2,600	13.57	35,280	75.50	2,664
	1984	3,100	2,900	18.13	52,580	76.70	4,033
	1985	2,400	2,300	17.90	41,170	72.70	2,993
	1986	1,900	1,800	13.78	24,800	69.60	1,726
	1987	1,800	1,700	13.19	22,420	78.00	1,749
	1988	2,900	2,700	9.00	24,300	74.90	1,820
	1989	970	970	12.69	12,310	89.00	1,096
	1990 2/	---	---	-----	------	-----	-----

1/ Shelled basis.
2/ Not published to avoid disclosure of individual operations.

MARYLAND
VEGETABLE ACREAGE HARVESTED, 1990



** FRESH MARKET AND PROCESSING

Commercial Vegetables And Melons: Harvested Acres, By Counties, Maryland, 1989 - 1990

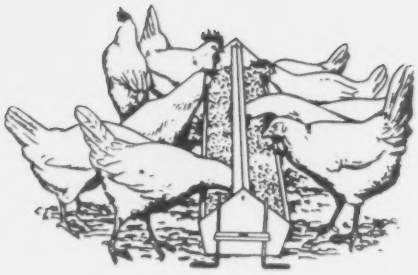
County	Acres Harvested					
	1989			1990		
	Fresh Market 1/ 3/	Processing 2/	Total	Fresh Market 1/	Processing 2/	Total
	---------- Acres ----------					
Allegany	170	*	*	225	*	*
Garrett	320	*	*	407	*	*
WESTERN	490	*	*	632	*	*
Baltimore	*	*	*	*	*	*
Carroll	*	*	1,943	*	*	2,503
Frederick	*	*	442	*	*	1,079
Harford	363	*	*	509	*	*
Howard	556	*	*	566	*	*
Montgomery	*	*	740	*	*	795
Washington	*	*	267	*	*	343
NORTH CENTRAL	7,576	2,730	10,306	8,135	3,510	11,645
Anne Arundel	1,149	*	*	1,164	*	*
Calvert	395	*	*	686	*	*
Charles	535	*	*	595	*	*
Prince George	1,496	*	*	1,496	*	*
St. Mary's	700 3/	*	*	620	*	*
SOUTHERN	4,275	*	*	4,561	*	*
West of Bay	12,341	2,850	15,191	13,328	3,510	16,838
Caroline	2,873	2,100	4,973	3,084	3,930	7,014
Cecil	130	70	200	120	100	220
Kent	2,285	755	3,035	2,555	1,040	3,595
Queen Anne's	2,830	1,420	4,255	3,420	1,440	4,860
Talbot	85	575	660	135	410	545
NORTHERN EASTERN SHORE	8,203	4,920	13,123	9,314	6,920	16,234
Dorchester	1,803	6,945	8,748	2,060	6,440	8,500
Somerset	1,248	290	1,538	1,158	890	2,048
Wicomico	3,940	530	4,470	3,705	1,320	5,025
Worcester	430	430	860	435	540	975
SOUTHERN EASTERN SHORE	7,421	8,195	15,616	7,358	9,190	16,548
East of Bay	15,624	13,115	28,739	16,672	16,110	32,782
MARYLAND	27,965	15,965	43,930	30,000	19,620	49,620

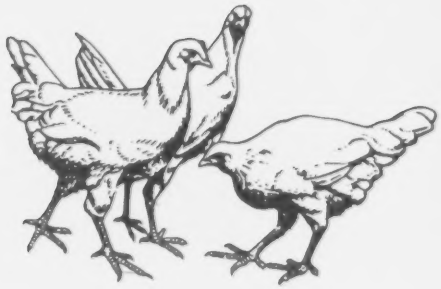
* Not published to avoid disclosure of individual operations.
1/ Fresh Market Vegetables include: asparagus, beets, broccoli, cabbage, kale, snap beans, cucumbers, sweet corn, green peas, cantaloupes, watermelons, squash, strawberries, lima beans, cauliflower, turnips, sweet peppers, hot peppers, pumpkins, eggplant, spinach, and greens.
2/ Processing vegetables include: green peas, snap beans, lima beans, sweet corn, cucumbers for pickles tomatoes, hot peppers and sweet peppers, and sweet potatoes.
3/ Revised.

Commercial Vegetables And Melons: Harvested Acreage By Crop And Area, Maryland, 1989 - 1990

Crop	West Of Chesapeake Bay		Northern Eastern Shore		Southern Eastern Shore		State	
	1989	1990	1989	1990	1989	1990	1989	1990
				For Fresh Market				
	Acres		Acres		Acres		Acres	
Snap Beans	925	960	350	390	625	650	1,900	2,000
Cucumbers	250	240	95	90	725	685	1,070	1,015
Sweet Corn	5,350	5,780	3,280	3,900	1,130	1,175	9,760	10,855
Tomatoes	1,115	1,150	415	445	1,070	1,105	2,600	2,700
Cantaloupes	340	360	945	980	655	580	1,940	1,920
Watermelons	155	225	350	385	2,620	2,520	3,125	3,130
Strawberries	475	470	110	100	85	80	670	650
Greens	610	640	40	50	30	45	680	735
Squash	480	490	95	100	65	80	640	670
Kale	475	530	25	30	50	55	550	615
Pumpkins	665	835	85	100	65	65	815	1,000
Green Peas	160	155	25	35	15	25	200	215
Turnips	95	95	10	10	15	15	120	120
Lima Beans	100	125	30	30	40	45	170	200
Beets	25	25	--	--	--	--	25	25
Cauliflower	80	95	--	--	10	5	90	100
Other Vegetables 1/	1,236	1,153	2,358	2,669	236	228	3,830	4,050
Total	12,536	13,328	8,213	9,314	7,436	7,358	28,185	30,000
				For Processing				
Sweet Corn	3/	3/	1,620	2,700	3/	3/	4,600	7,100
Tomatoes	120	3/	170	3/	680	3/	970	3/
Other Vegetables 2/	2,250	2,410	3,130	4,220	5,015	5,890	10,395	12,520
Total	2,850	3,510	4,920	6,920	8,195	9,190	15,965	19,620

1/ Fresh market other vegetables includes: asparagus, broccoli, cabbage, eggplant, hot and sweet peppers, okra, spinach, beets and turnips.
2/ For processing other vegetables includes: cucumbers for pickles, green peas, hot and sweet peppers, lima beans and snap beans for 1989. For 1990 all the preceding plus tomatoes
3/ Not published to avoid disclosure of individual operations.





Poultry Review

Commercial broiler production in 1990 totaled 1,141 billion pounds liveweight or 265.4 million birds. Meat type birds averaged 4.3 pounds with price per pound at 35.0 cents per pound. The total value of commercial broilers produced in Maryland totaled $399.4 million down 11 percent from the $488.9 million value in 1989. A decrease of 5.5 cents per pound more than offset the increased production to cause the decline in value.

Broilers continue to be an important part of maryland's agriculture accounting for 29.7 percent of the state's total cash receipts from farm marketings and 48.2 percent of the receipts from livestock and livestock products. Commercial hatcheries set 441 million broiler eggs during the 1990 production year, up 2 percent from the 433 million set in 1989. Broiler chicks hatched in Maryland totaled 375 million birds, 7 percent above the previous year's 350 million hatched.

Table egg production in Maryland for 1990 totaled 954 million, down 1 percent from the 966 million produced in 1989. The annual average number of layers on farms for 1990 was 3.68 million, 2 percent below 1989's 3.76 million annual average. The annual average eggs a layer laid in 1990 at 259 was 2 more than the year earlier 257 annual average eggs laid.

Broiler-Type Eggs Set, Chicks Hatched And Placed In Growing Houses, Maryland, By Weeks, 1989 And 1990 Production Years 1/

Year And Week Ending	Eggs Set	Chicks Hatched	Chicks Placed	Year And Week Ending	Eggs Set	Chicks Hatched	Chicks Placed
		Thous				Thous	
1988				1989			
01-Oct	7,585	5,436	4,761	07-Oct	7,109	6,089	4,813
08-Oct	7,129	5,686	4,714	14-Oct	7,339	6,813	5,022
15-Oct	6,723	6,529	5,185	21-Oct	7,405	6,152	4,600
22-Oct	7,063	6,154	4,673	28-Oct	7,677	5,886	4,686
29-Oct	8,362	5,831	4,923				
				04-Nov	8,110	6,100	4,299
05-Nov	8,174	5,446	4,561	11-Nov	8,150	6,124	4,545
12-Nov	8,199	5,768	4,502	18-Nov	8,298	6,331	5,312
19-Nov	8,377	6,721	4,757	25-Nov	8,304	6,666	5,315
26-Nov	8,250	6,619	4,740				
				02-Dec	8,377	6,726	4,711
03-Dec	8,402	6,642	5,586	09-Dec	8,254	6,784	5,647
10-Dec	8,474	6,784	5,578	16-Dec	8,387	6,880	5,791
17-Dec	8,366	6,663	5,600	23-Dec	8,418	6,977	5,174
24-Dec	8,390	6,802	5,167	30-Dec	8,224	6,839	5,957
31-Dec	8,323	6,835	5,869				
1989				1990			
07-Jan	8,338	6,788	5,185	06-Jan	8,464	6,967	5,016
14-Jan	7,677	6,834	4,965	13-Jan	8,638	6,927	5,616
21-Jan	8,160	6,768	5,045	20-Jan	8,129	6,794	5,545
28-Jan	8,072	6,769	5,513	27-Jan	8,152	6,934	5,318
04-Feb	8,382	6,236	4,409	03-Feb	7,840	7,147	5,396
11-Feb	8,327	6,634	5,727	10-Feb	8,092	6,806	5,287
18-Feb	8,398	6,591	5,700	17-Feb	8,690	6,823	5,017
25-Feb	8,308	6,904	5,679	24-Feb	8,652	6,491	5,864
04-Mar	8,176	6,816	5,878	03-Mar	8,791	6,679	5,575
11-Mar	8,236	6,839	5,253	10-Mar	8,883	7,234	5,564
18-Mar	8,234	6,730	4,788	17-Mar	8,869	7,343	5,891
25-Mar	8,306	6,656	5,373	24-Mar	8,680	7,356	6,281
				31-Mar	8,746	7,432	6,085
01-Apr	8,373	6,837	5,699				
08-Apr	8,355	6,788	4,779	07-Apr	8,830	7,386	5,211
15-Apr	8,423	6,788	4,779	14-Apr	8,936	7,220	5,020
22-Apr	8,466	6,929	5,381	21-Apr	8,993	7,252	5,993
29-Apr	8,361	6,865	5,224	28-Apr	8,520	7,301	5,880
06-May	8,456	6,939	5,457	05-May	8,791	7,378	6,129
13-May	8,322	6,945	5,470	12-May	8,973	7,436	5,213
20-May	8,497	6,826	4,756	19-May	8,927	7,083	5,676
27-May	8,471	6,821	5,851	26-May	9,015	7,320	5,708
03-Jun	8,467	6,818	5,801	02-Jun	9,082	7,545	5,787
10-Jun	8,488	6,921	5,474	09-Jun	8,815	7,367	5,845
17-Jun	8,460	6,925	5,661	16-Jun	8,964	7,461	6,039
24-Jun	8,452	6,936	6,347	23-Jun	8,961	7,483	5,614
				30-Jun	8,456	7,297	5,919
01-Jul	8,402	6,908	4,962				
08-Jul	8,346	6,943	5,716	07-Jul	8,928	7,477	5,849
15-Jul	8,410	6,972	5,195	14-Jul	8,889	7,456	4,905
22-Jul	8,406	6,894	5,092	21-Jul	8,877	7,023	5,048
29-Jul	8,295	6,841	5,513	28-Jul	8,834	7,310	5,963
05-Aug	8,041	6,812	5,540	04-Aug	8,912	7,144	5,203
12-Aug	8,333	6,697	5,220	11-Aug	8,904	7,176	5,502
19-Aug	8,392	6,741	5,521	18-Aug	8,937	7,253	5,658
26-Aug	8,344	6,565	5,352	25-Aug	8,958	7,334	5,177
02-Sep	7,723	6,837	5,717	01-Sep	7,896	7,389	6,095
09-Sep	7,356	6,914	5,454	08-Sep	7,213	7,357	5,575
16-Sep	7,388	6,828	4,966	15-Sep	7,982	7,340	6,026
23-Sep	8,223	6,374	5,085	22-Sep	8,781	6,553	4,676
30-Sep	7,456	6,083	4,985	29-Sep	8,425	5,924	5,099
Total 1989	433,137	352,228	279,747	Total 1990	441,477	363,565	283,137

1/ Eggs set and chicks hatched include eggs for all broiler-type chicks, including those raised as broilers and as hatchery flock replacement. Chicks placed include only chicks raised as broilers.

Commercial Broilers: Production And Value
Maryland, 1984 - 1990

Year 1/	Number Produced	Average Liveweight	Production	Average Price Per Pound 2/	Value 3/
	Thous. Birds	Lb	Thous. Pounds	Cents	Thous. Dollars
1984	271,168	4.2	1,138,906	36.5	415,701
1985	272,429	4.2	1,144,202	33.0	377,587
1986	263,885	4.3	1,134,706	37.5	425,515
1987	264,196	4.4	1,162,462	30.5	354,551
1988	252,400	4.3	1,085,320	36.5	396,142
1989	257,776	4.3	1,108,394	40.5	448,899
1990	265,400	4.3	1,141,220	35.0	399,427

1/ Twelve month period beginning with December of the previous year.
2/ Liveweight equivalent price.
3/ Gross income received by the agricultural sector for the production of broilers.

Broiler-Type Chicks Hatched By Commercial Hatcheries
Maryland, 1984 - 1990

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
							Thous. Birds						
1984	27,691	25,908	29,649	29,262	31,294	29,978	29,416	29,285	26,943	27,686	26,803	28,409	342,324
1985	29,079	25,840	30,804	29,915	31,082	30,473	29,827	29,188	27,282	28,049	28,877	31,371	351,787
1986	30,253	27,325	31,130	30,170	30,715	29,346	29,248	26,987	26,940	29,041	28,847	30,313	350,315
1987	29,101	25,503	29,472	29,330	30,373	30,215	29,612	27,556	25,996	25,754	26,969	29,122	339,002
1988	27,869	25,829	28,736	28,224	29,124	28,362	28,315	28,581	26,319	26,535	26,789	29,933	334,616
1989	29,834	26,614	30,031	29,340	30,432	29,627	30,586	29,739	28,184	27,557	27,474	30,494	349,912
1990	30,879	27,115	32,393	31,428	32,710	32,198	32,589	32,532	29,432	30,273	30,060	32,922	374,531

Chick Hatcheries: Number And Egg Capacity, January 1,
Selected Years, Maryland 1973 - 1991

Year	Number Of Hatcheries	Egg Capacity	Year	Number Of Hatcheries	Egg Capacity
	Number	Thous. Eggs	Number	Thous. Eggs	
1973	16	23,453	1983	8	28,628
1975	10	20,191	1985	7	27,811
1977	10	18,212	1987	7	27,776
1979	10	22,055	1989	7	30,758
1981	10	22,106	1991	8	30,027

Egg Production: Number Of Layers, Eggs Per Layer And Total Production, Quarterly, Maryland, 1984 - 1990

Year	December - February 1/	March - May	June - August	September - November	Annual Average 2/
		Layers On Farms - Thous. 2/			
1984	3,505	3,556	3,516	3,511	3,522
1985	3,450	3,264	3,136	3,254	3,275
1986	3,504	3,474	3,577	3,810	3,591
1987	3,809	3,809	3,723	3,625	3,742
1988	3,677	3,669	3,452	3,417	3,554
1989	3,628	3,785	3,880	3,755	3,762
1990	3,557	3,636	3,883	3,641	3,680
		Eggs Per Layer During Quarter			
1984	59.6	60.2	60.0	58.7	239
1985	60.0	62.8	62.8	62.7	248
1986	61.4	62.5	62.6	61.4	248
1987	62.0	63.3	62.1	60.1	247
1988	62.0	66.0	67.5	67.0	262
1989	63.4	65.0	66.0	62.3	259
1990	61.0	65.7	66.2	61.2	254
		Total Egg Production - Millions			
1984	209	214	211	206	840
1985	207	205	197	204	813
1986	215	217	224	234	890
1987	236	241	231	218	926
1988	228	242	233	229	932
1989	230	246	256	234	966
1990	217	239	257	241	954

1/ December preceding year.
2/ Average or total may not add or multiply due to rounding.

Eggs: Production, Disposition And Value Of Sales, Maryland 1984 - 1990

Year 1/	Hens And Pullets Of Laying Age 2/	Average Number Of Layers On Hand During Year	Eggs Per Layer 3/	Eggs Produced	Eggs Consumed In Farm Household	Eggs Sold	Price Per Dozen 4/	Cash Receipts From Sales
	---- Thousands ----		Number	-------- Millions -------			Cents	Thous. Dollars
1984	3,455	3,522	239	840	4	836	82.0	57,400
1985	3,548	3,275	248	813	N/A	N/A	65.0	44,038 5/
1986	3,412	3,591	248	890	N/A	N/A	65.0	48,208 5/
1987	3,819	3,742	247	926	N/A	N/A	58.0	44,757 5/
1988	3,624	3,554	262	932	N/A	N/A	56.0	43,493 5/
1989	3,538	3,762	257	966	N/A	N/A	72.1	58,041 5/
1990	3,600	3,680	259	954	N/A	N/A	76.3	60,659 5/

1/ Marketing year is from December 1 of the previous year to November 30 of the year shown.
2/ On hand December 1 of the previous year.
3/ Eggs produced divided by average number of layers on hand.
4/ Includes hatching eggs and eggs sold at retail by farmers.
5/ Value of production.

Chickens: Inventory And Value On December 1
Maryland, 1984 - 1990 1/

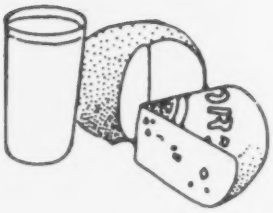
Year	Hens And Pullets Of Laying Age			Pullets 3 Months Old And Older Not Of Laying Age	Pullets Under 3 Months	Other Chickens	Total Chickens	Value	
	Hens	Pullets	Total					Per Bird	Total Value
	Thous. Birds							Dollars	Thous. Dollars
1984	968	2,580	3,548	350	614	83	4,595	2.20	10,109
1985	1,300	2,112	3,412	735	534	101	4,782	2.55	12,194
1986	1,424	2,395	3,819	591	615	104	5,129	2.15	11,027
1987	1,415	2,209	3,624	502	678	60	4,864	1.80	8,755
1988	1,054	2,484	3,538	241	970	72	4,821	2.65	12,776
1989	1,262	2,338	3,600	390	461	84	4,535	4.35	19,727
1990	720	2,557	3,227	636	521	89	4,523	4.40	19,901

1/ Excludes commercial broilers.

Chickens And Turkeys: Production, Disposition, And Value
Maryland, 1984 - 1990 1/

Year	Number Raised	Production 2/		Home Consumption		Pounds Sold	Value Of Sales 3/
		Number	Pounds	Number	Value		
	Thous. Birds	Thous. Birds	Thous. Lb	Thous. Birds	Thous. Dollars	Thous. Lb	Thous. Dollars
				Chickens 4/			
1984	3,407	2,997	15,016	100	77	15,000	2,550
1985 5/	--	2,400	--	--	--	12,720	1,908
1986	--	--	--	--	--	13,780	1,791
1987	--	--	--	--	--	14,310	1,574
1988	--	--	--	--	--	13,780	1,240
1989	--	--	--	--	--	18,020	3,063
1990	--	--	--	--	--	23,846	2,385
				Turkeys 6/			
1983	100	--	1,900	--	--	--	836
1984 7/	164	--	3,408	--	--	--	1,670
1985 7/	140	--	2,995	--	--	--	1,694
1986 7/	125	--	2,625	--	--	--	1,680
1987 7/	133	--	2,660	--	--	--	1,596
1988 7/	135	--	2,835	--	--	--	1,701
1989 7/	100	--	1,815	--	--	--	1,086
1990 7/	110	--	2,348	--	--	--	1,640

1/ From December 1 of the previous year to November 30 of the year shown.
2/ The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.
3/ Cash receipts plus value of consumption. The numbers for turkeys are values of production.
4/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown.
5/ In 1985 the chicken estimate program was changed. Production equals amount actually sold. Gross income equals value of actual sales for 1985.
6/ Based on turkeys hatched from September 1 of the previous year to August 31 of the year shown.
7/ Includes Maryland and Delaware.

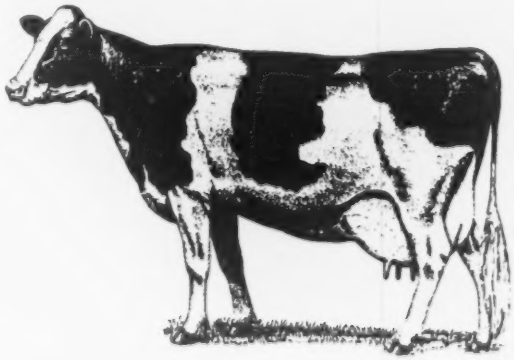


Dairy Review

Milk production in Maryland during 1990 decreased 11 million pounds to 1.37 billion pounds. The annual average number of milk cows decreased 1,000 from a year earlier and milk per cow increased 22 pounds to 13,262 for the year. Dairy herds in Frederick county, the top milk production county, produced 415 million pounds of milk in 1990, down 3 percent from the previous year, and accounted for 30 percent of Maryland's total milk production. Washington and Carroll counties produced 225 and 208 million pounds of milk respectively. Washington county accounted for 16 percent of the state's total production and Carroll county accounted for 15 percent of the total production.

Cash receipts for milk produced during 1990 totaled $201.2 million in Maryland. These returns accounted for 24 percent of all livestock related cash receipts and 15 percent of the total farm-related cash receipts for the state. Cash receipts for milk marketed at $202.5 million were up $4.9 million, 2 percent from the $197.6 million receipts of 1989.

The production of ice cream mix at 9.74 million gallons rose 1 percent from the 9.62 million gallons produced in 1989. Production of ice cream at 19.33 million gallons rose 1 percent from the 19.12 million gallons produced in 1989. Ice milk production for 1990 totaled 5.51 million gallons, 2 percent below the 5.63 million gallons produced in 1989. Milk sherbet production for 1990 totaled 1.27 million gallons, down 15 percent from the 1.40 million gallons produced in 1989.



Milk Cows And Milk Production, Maryland 1984 - 1990

Year	Number Of Milk Cows On Farms 1/	Production Per Milk Cow		Production Of Milk And Milkfat		
		Milk	Milkfat	Percentage Of Fat In All Milk Produced	Total Milk	Total Milkfat
	Thous.	Pounds		Percent	Million Pounds	
1984	120	12,750	468	3.67	1,530	56.2
1985	119	13,665	498	3.65	1,625	59.3
1986	117	13,846	508	3.67	1,620	59.5
1987	109	13,835	509	3.68	1,508	55.5
1988	107	13,486	499	3.70	1,443	53.4
1989	104	13,240	490	3.70	1,377	50.9
1990	103	13,262	485	3.66	1,366	50.0

1/ Average number on farms during year, excluding heifers not yet fresh.

Milk Utilized, Marketings, Income And Value Of Dairy Products, Maryland 1984 - 1990

Year	Milk	Combined Marketing Of Milk And Cream						Gross Farm Income From Dairy Products 4/	Farm Value Of Milk Produced 5/
		Average Returns 1/		Cash Receipts From Marketings	Milk Used On Farms Where Produced				
		Per 100 Pounds Milk	Per Pound Milkfat		Fed To Calves 2/	Milk Utilized	Value 3/		
	Million Pounds	-- Dollars --		Thous. Dollars	--- Million Pounds ---		Thous. Dollars	Thous. Dollars	
1984	1,516	14.00	3.81	212,240	8	6	840	213,080	214,200
1985	1,611	13.10	3.59	211,041	8	6	786	211,827	212,875
1986	1,605	12.90	3.51	207,045	10	5	645	207,690	208,980
1987	1,494	13.10	3.56	195,714	10	4	524	196,238	197,548
1988	1,428	13.00	3.51	185,640	11	4	520	186,160	187,590
1989	1,363	14.50	3.92	197,635	10	4	580	198,215	199,655
1990	1,355	14.95	4.08	202,545	8	3	448	202,994	204,190

1/ Cash receipts divided by milk or milkfat respresented in combined marketings.
2/ Excludes milk sucked by calves.
3/ Used for milk, cream and butter where produced, valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.
5/ Includes value of milk fed to calves.

Milk: Average Fat Test, By Months, Maryland 1984 - 1990 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
	Percent												
1984	3.86	3.76	3.77	3.71	3.64	3.55	3.49	3.49	3.58	3.69	3.74	3.77	3.67
1985	3.77	3.78	3.74	3.66	3.56	3.53	3.49	3.48	3.55	3.70	3.76	3.82	3.65
1986	3.82	3.81	3.78	3.64	3.57	3.49	3.51	3.48	3.61	3.69	3.84	3.87	3.67
1987	3.85	3.81	3.76	3.66	3.58	3.52	3.48	3.49	3.64	3.79	3.83	3.81	3.68
1988	3.94	3.82	3.76	3.67	3.61	3.54	3.52	3.47	3.60	3.76	3.83	3.84	3.70
1989	3.81	3.59	3.81	3.73	3.68	3.63	3.55	3.53	3.58	3.73	3.75	3.87	3.70
1990	3.79	3.71	3.65	3.64	3.65	3.56	3.52	3.53	3.53	3.66	3.80	3.84	3.66

1/ Fat tests are comparable with milk prices published on page 44.

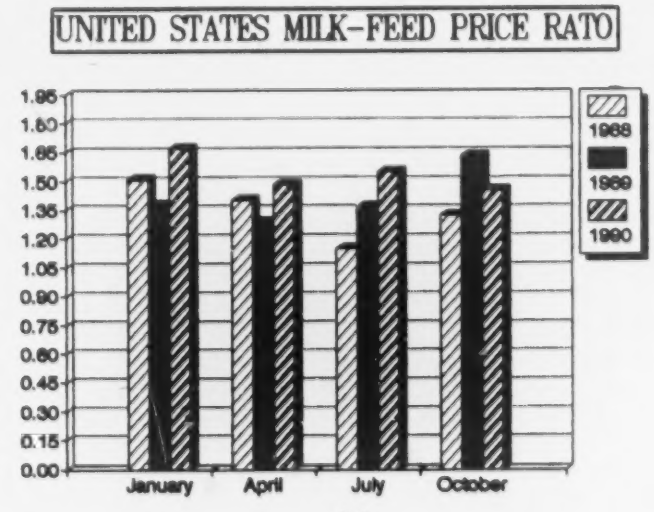
Milk Production: Number Of Cows, Production Per Cow And Total Production Months, And Annual Average Maryland 1984 - 1990

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
					Milk Cows On Farms -- Thous. Head 1/								
1984	124	122	120	120	120	119	120	120	120	119	121	120	120
1985	121	122	117	116	116	116	115	118	120	120	121	123	119
1986	124	122	117	117	117	115	116	117	115	115	115	115	117
1987	116	115	115	113	110	108	105	105	105	105	107	109	109
1988	111	108	106	105	105	105	108	108	108	107	109	109	107
1989	109	106	104	104	104	103	101	102	102	103	104	106	104
1990	105	104	103	102	102	101	101	102	103	104	105	107	103
					Production Per Milk Cow -- Pounds 2/								
1984	1,065	1,025	1,100	1,085	1,110	1,040	1,050	1,040	1,035	1,060	1,040	1,060	12,750
1985	1,085	1,025	1,170	1,180	1,225	1,155	1,165	1,145	1,135	1,165	1,125	1,120	13,665
1986	1,135	1,040	1,215	1,215	1,265	1,165	1,155	1,155	1,130	1,130	1,085	1,150	13,846
1987	1,145	1,060	1,190	1,195	1,255	1,165	1,175	1,175	1,095	1,130	1,075	1,120	13,835
1988	1,080	1,075	1,180	1,170	1,200	1,150	1,050	1,050	1,110	1,160	1,110	1,100	13,463
1989	1,140	1,085	1,210	1,190	1,190	1,070	1,050	1,070	1,040	1,070	1,050	1,075	13,240
1990	1,075	1,020	1,175	1,145	1,185	1,100	1,090	1,100	1,060	1,085	1,075	1,120	13,260
					Total Production -- Million Pounds 2/								
1984	132	125	132	130	133	124	126	125	124	126	126	127	1,530
1985	131	125	137	137	142	134	134	135	136	140	136	138	1,625
1986	141	127	142	142	148	134	134	135	130	130	125	132	1,620
1987	133	122	137	135	138	126	123	123	115	119	115	122	1,508
1988	120	116	125	123	126	121	113	114	120	124	121	120	1,443
1989	124	115	126	124	124	110	106	109	106	110	109	114	1,377
1990	113	106	121	117	121	111	110	112	109	113	113	120	1,366

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.

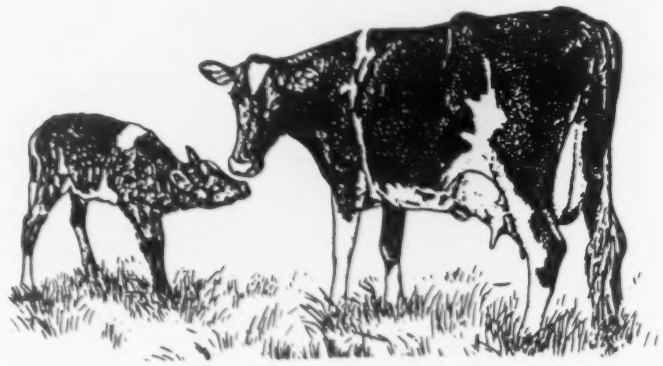
Grain & Concentrates Fed Daily per Milk Cow And Value Per Cwt Of Ration Fed Quarterly, Maryland 1984 - 1990

Year	January 1		April 1		July 1		October 1	
	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value
1984	15.0	9.25	14.1	9.45	14.3	9.55	15.9	9.15
1985	15.0	8.55	16.5	8.45	15.3	8.10	16.0	8.00
1986	13.4	8.00	15.2	8.10	15.5	8.00	15.0	8.30
1987	15.8	7.60	16.3	7.60	15.9	7.90	15.5	7.75
1988	15.6	7.90	16.4	8.10	14.8	8.50	15.7	8.85
1989	15.7	9.10	16.4	9.35	15.0	9.10	15.0	9.00
1990	17.0	8.90	16.1	9.10	15.7	9.00	15.7	9.00



Milk: Number Of Cows And Production By Counties, 1989 - 1990

County	1989		1990	
	Number Of Cows	Milk Produced	Number Of Cows	Milk Produced
	Head	Thous. Lb	Head	Thous. Lb
Allegany	1,000	15,600	1,000	14,500
Garrett	5,700	75,000	5,300	67,000
WESTERN	6,700	90,600	6,300	81,500
Baltimore	4,000	53,000	4,100	52,000
Carroll	14,100	196,000	15,100	208,000
Frederick	34,100	429,000	33,700	415,000
Harford	5,500	79,000	5,300	76,000
Howard	1,900	28,300	1,900	30,000
Montgomery	3,500	43,000	3,400	44,000
Washington	16,800	220,000	16,000	225,000
NORTH CENTRAL	79,900	1,048,300	79,500	1,050,000
Anne Arundel	200	2,900	200	2,800
Calvert	---	---	---	---
Charles	---	---	---	---
Prince George's	300	3,700	300	3,600
St. Mary's	400	5,000	400	5,200
SOUTHERN	900	11,600	900	11,600
Caroline	1,900	29,000	2,300	35,000
Cecil	4,800	66,000	4,400	57,000
Kent	3,900	58,000	4,000	62,000
Queen Anne's	3,000	37,000	2,800	34,000
Talbot	1,900	24,500	1,800	23,000
NORTHERN EASTERN SHORE	15,500	214,500	15,300	211,000
Dorchester	100	1,200	100	1,300
Somerset	300	3,600	300	3,400
Wicomico	200	2,500	200	2,300
Worcester	400	4,700	400	4,900
SOUTHERN EASTERN SHORE	1,000	12,000	1,000	11,900
Maryland	104,000	1,377,000	103,000	1,366,000



Manufactured Dairy Products: Production Of Specified Products, Maryland And D.C., By Months 1984 - 1990

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
						Ice Cream -- 1,000 Gallons							
1984	1,118	1,113	1,481	1,411	1,491	1,685	1,625	1,646	1,337	1,423	1,244	999	16,572
1985	1,163	1,050	1,441	1,384	1,441	1,560	1,568	1,362	1,341	1,246	1,110	978	15,644
1986	980	1,163	1,363	1,526	2,075	2,101	1,861	1,647	1,908	1,744	1,419	1,395	18,881
1987	1,059	1,231	1,422	1,578	1,694	1,707	1,947	1,745	1,522	1,420	1,164	1,040	17,529
1988	946	1,145	1,345	1,255	1,308	1,495	1,568	1,462	1,304	1,161	962	1,134	15,085
1989	939	1,420	1,887	1,945	2,090	2,139	1,839	1,606	1,112	1,510	1,107	1,532	19,117
1990	1,068	1,339	2,128	1,908	1,928	1,966	1,733	1,964	1,366	1,595	1,228	1,109	19,332
						Ice Cream Mix 1,000 Gallons							
1984	566	562	733	699	758	838	788	806	666	723	601	486	8,226
1985	540	509	694	660	714	797	794	676	680	606	549	481	7,700
1986	384	450	547	561	801	812	767	648	680	668	563	552	7,433
1987	373	553	661	709	776	717	897	780	721	651	533	453	7,884
1988	436	554	597	561	595	670	688	646	576	519	442	509	6,793
1989	472	714	942	999	1,061	1,065	888	811	539	770	607	750	9,618
1990	558	678	1,029	994	975	998	880	949	635	810	639	590	9,735
						Ice Milk -- 1,000 Gallons 1/							
1984	360	389	469	518	628	759	689	696	485	537	417	409	6,356
1985	177	174	249	258	335	297	329	339	268	236	173	160	2,995
1986	349	338	505	554	723	653	728	715	516	507	415	373	6,376
1987	350	373	530	579	672	754	811	672	586	473	476	364	6,640
1988	303	350	431	448	473	588	546	635	526	435	353	355	5,443
1989	278	402	446	568	555	622	611	618	389	387	397	359	5,632
1990	324	329	377	459	550	573	582	551	480	434	449	399	5,507
						Milk Sherbet -- 1,000 Gallons 1/							
1984	66	68	95	107	140	220	174	151	127	122	76	49	1,385
1985	98	73	115	120	170	182	141	116	109	100	77	131	1,432
1986	43	50	58	113	171	148	171	140	111	97	83	79	1,364
1987	62	81	85	106	127	126	134	146	122	104	82	71	1,224
1988	69	93	134	99	117	163	169	162	133	130	88	89	1,446
1989	55	92	150	112	163	170	192	167	127	85	49	126	1,488
1990	75	100	96	111	143	158	103	141	110	93	87	48	1,265
						Milk Sherbet Mix -- 1,000 Gallons							
1984	51	49	71	85	118	174	125	114	93	85	58	38	1,061
1985	67	58	77	83	125	136	95	98	87	71	53	84	1,034
1986	36	39	47	89	159	125	166	134	96	75	59	55	1,080
1987	43	55	69	81	99	97	109	119	106	76	53	48	955
1988	51	65	100	75	86	120	127	142	109	104	58	61	1,098
1989 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
1990 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
						Water Ices -- 1,000 Gallons							
1984	32	33	114	175	175	193	167	114	59	62	59	89	1,272
1985	71	52	186	252	256	197	94	63	63	83	45	67	1,429
1986	201	219	355	442	497	508	478	316	226	237	192	219	3,884
1987	305	241	296	275	397	343	403	347	228	169	220	211	3,435
1988 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
1989 2/	---	---	---	---	---	---	---	---	---	---	---	---	---
1990 2/	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Includes hard, soft-serve and freezer-made milkshake.
2/ Not published to avoid disclosure of individual operations.

Number Of Dairy Plants Producing One Or More Non-Fluid Dairy Products, Maryland And D.C. 1983 - 1990

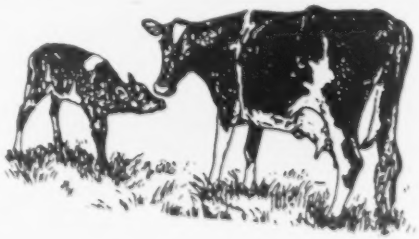
Year	Number Of Plants	Year	Number Of Plants
1983	18	1987	26
1984	18	1988	23
1985	18	1989	19
1986	25	1990	17

Livestock Review

Maryland's cattle and calf inventory on January 1, 1991 totaled 320,000 head, up 5,000 head from a year earlier. Cattle and calf values increased $15 per head to an average of $770. The value per head on January 1, 1990 was up 2 percent from a year earlier and was the highest value since 1982's $685 per head value. Cash receipts from cattle and calf sales, at $78.6 million were up 3 percent from the previous year. The value of cattle more than offset the decline in inventory for the increase. Cash receipts from cattle and calf sales amounted to 9.5 percent of the total livestock cash receipts in Maryland and 5.8 percent of all agriculture cash receipts in the state.

The sheep and lamb inventory on January 1, 1991 totaled 30,000 head, down 6 percent or 2,000 head from a year earlier. The average value per head of sheep and lambs on January 1, 1991 was $105.00 up $15.00 from the year earlier value of $90.00 and the third highest value on records dating back to 1867. Wool production in Maryland during 1990 totaled 157,000 pounds, down 29 percent from the 1989 production of 220,000 pounds and the lowest production since 1987's 185,000 pounds produced. Sheep shorn for wool at 25,000 head decreased 4,000 head and the average fleece weight was 6.3 pounds per sheep.

The December 1, 1990 inventory of all hogs and pigs totaled 162,000 head, down 10 percent from the 1989 inventory of 180,000 head. The number of breeding hogs on hand at 27,000 was up 8 percent, 2,000 head from the 25,000 head a year earlier. Market hogs on December 1, 1990 numbered 135,000 head, 13 percent below the 155,000 on hand in 1990. A total of 38,000 sows farrowed during 1990 bearing an average of 8.1 pigs per litter. The pig crop for 1990 was 308,000 pigs, up 7 percent from the year earlier pig crop of 289,000 pigs. An increase in pigs per litter more than offset a 2,000 sows farrowed reduction to cause the increase in the pig crop. The average value per head of all hogs and pigs on December 1, 1991 was $93.00 per head, up $5.00 from 1990's $88.00 average. Cash receipts for 1990 hogs totaled $33.3 million, 4.0 percent of the cash receipts for livestock and livestock produces, and 2.5 percent of the cash receipts for all agriculture commodities.



Livestock: Number By Classes, Maryland
1986-91 Cattle & Sheep

Species And Class	1986	1987	1988	1989	1990	1991
			1,000 Head			
All Cattle and Calves - January 1	370	330	320	328	315	320
Cows and heifers that have calved	195	173	166	169	162	159
Beef Cows	71	57	55	60	56	51
Milk Cows	124	116	111	109	106	108
Heifers 500 pounds and over	78	65	66	67	61	64
For beef cow replacement	13	11	13	17	15	12
For milk cow replacement	53	47	44	43	40	41
Other heifers	12	7	9	7	6	11
Steers 500 pounds and up	26	21	22	21	22	35
Bulls 500 pounds and up	6	5	5	7	6	4
Heifers, steers and bulls under 500 pounds	65	66	61	64	64	58
Calves born during year	175	160	155	160	155	141
Cattle on Feed	20	12	14	12	12	16
All Sheep and Lambs - January 1	20	25	34	35	32	30
Ewes one year and older	14	16	22	23	21.2	21
Rams and wethers one year and older	3	3	3	3	3.8	2
Ewe lambs	2	4	6	7	5.1	4.5
Wether and ram lambs	1	2	3	2	21.9	2.5
Lambs saved during year	17	16	21	22	23	23

Species And Class	1985	1986	1987	1988	1989	1990
All Hog and Pigs - December 1	205	190	220	170	180	162
Breeding hogs	30	30	25	27	25	27
Market Hogs	175	160	195	143	155	135
under 60 pounds	60	61	25	55	57	51
60-119 pounds	40	34	70	40	43	36
120-179 pounds	45	38	81	33	27	25
180 pounds and over	30	27	19	15	28	23

Number Of Livestock Farms, By Type, Maryland 1983 - 1990

Year	Farms With Cattle	Farms With Milk Cows	Farms With Hogs & Pigs	Farms With Sheep & Lambs
1983	8,100	2,300	2,500	1,000
1984	8,100	2,300	2,500	1,000
1985	8,100	2,200	2,200	1,000
1986	7,900	2,100	1,900	900
1987	7,900	2,000	1,800	1,000
1988	7,900	2,000	1,700	1,100
1989	7,900	1,900	1,500	1,200
1990	7,500	1,800	1,400	1,200

Livestock On Farms, Inventory And Value Of Species, Maryland, January 1, 1983 - 1991

Year	All Cattle & Calves			All Hogs And Pigs 1/		
	Number	Value		Number	Value	
		Per Head	Total		Per Head	Total
	Thous. Head	Dollars	Thous. Dollars	Head	Thous. Dollars	Thous. Dollars
1983	390	620	241,800	200	87.00	17,400
1984	405	565	228,825	200	67.00	13,400
1985	390	570	222,300	215	75.00	16,125
1986	370	580	214,600	205	68.00	13,838
1987	330	575	189,750	190	94.00	17,860
1988	320	660	211,200	220	76.00	16,720
1989	328	680	223,040	170	69.00	11,730
1990	315	755	237,825	180	88.00	15,840
1991	320	770	244,400	162	93.00	15,066

1/ December 1 of preceding year.

Sheep And Lambs, January 1, 1982 - 1991

Year	Number	Value	
		Per Head	Total
	Thous. Head	Dollars	Thous. Dollars
1982	19	77.50	1,473
1983	18	71.00	1,278
1984	17	65.50	1,114
1985	16	79.00	1,264
1986	20	94.00	1,880
1987	25	100.00	2,500
1988	34	93.00	3,162
1989	35	107.00	3,745
1990	32	96.00	3,072
1991	30	105.00	3,150

Milk Cows: Percent Of Operations And Inventory By Size Group Maryland, 1987 - 1990

Size Group No.	1987		1988		1989		1990	
	Farms	Inventory	Farms	Inventory	Farms	Inventory	Farms	Inventory
	Percent							
1 - 29	34.0	4.4	32.0	4.1	4.7	32.5	4.6	27.8
30 - 49	16.5	10.6	16.5	10.6	11.3	17.0	12.1	19.4
50 - 99	31.5	35.4	32.0	33.0	34.9	32.0	33.3	32.8
100 +	18.0	49.6	19.5	52.3	49.1	18.5	50.0	20.0

Sows Farrowed, Pigs Per Litter And Pig Crops: Maryland, 1984 - 1990

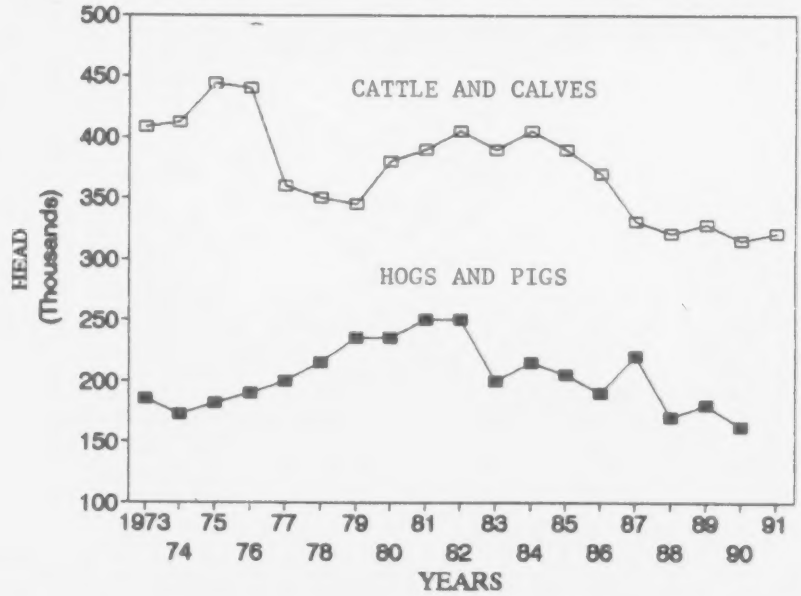
Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec-May	Jun-Nov	Annual Total	Dec-May	Jun-Nov	Annual Average	Dec-May	Jun-Nov	Annual Total
	------ Thous. Head ------			--------- Number --------			------- Thous. Head -------		
1984	27	27	54	7.8	7.6	7.7	211	205	416
1985	25	27	52	8.2	7.4	7.8	205	200	405
1986	21	23	44	7.2	7.1	7.1	151	163	314
1987	25	27	52	6.8	7.3	7.1	170	197	367
1988	20	24	44	7.4	7.2	7.3	147	172	319
1989	19	21	40	7.0	7.4	7.2	133	156	289
1990	18	20	38	7.9	8.3	8.1	143	165	308

Wool: Production, Price And Value, Maryland, 1984 - 1990

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value Of Production
	Thous. Head	Pounds	Thous. Pounds	Cents	Thous.Dollars
1984	15	7.0	105	75	79
1985	14	7.6	106	57	60
1986	17	7.3	124	68	84
1987	24	7.7	185	63	117
1988	28	7.0	197	87	171
1989	29	7.6	220	75	165
1990	25	6.3	157	40	63

1/ Revised.

HOG AND CATTLE INVENTORY 1/



1/ The hog inventory is on December 1 of the previous year.

Meat Animals: Inventory, Supply And Disposition, Maryland, 1985 - 1990

Species And Year	On Hand First Of Year	Births	Inshipments	Marketings 2/	Farm Slaughter 3/	Deaths	On Hand End Of Year
	Thous. Head						
Cattle And Calves 1/							
1985	390	175	9	184	2	18	370
1986	370	160	9	189	2	18	330
1987	330	155	8	152	3	18	320
1988	320	160	10	142	2	18	328
1989	328	155	7	156	2	17	315
1990	315	141	10	129	3	14	320
Hogs And Pigs 1/							
1985	215	405	22	418	4	15	205
1986	205	314	21	335	3	12	190
1987	190	367	22	346	3	10	220
1988	220	319	17	365	5	16	170
1989	170	289	17	281	5	10	180
1990	180	308	13	318	6	15	162
Sheep And Lambs 1/							
1985	16	17	5	14	1	3	20
1986	20	16	4	11	1	3	25
1987	25	21	6	14	1	3	34
1988	34	22	3	19	1	4	35
1989	35	23	1	22	0	5	32
1990	32	23	4	23	2	4	30

1/ Cattle and calves and sheep and lambs - January 1 to January 1; hogs and pigs - December 1 to December 1.
2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.
3/ Excludes custom slaughter for farmers at commercial establishments.

Meat Animals: Production And Income, Maryland 1985- 1990

Species And Year	Production 1/	Marketings 2/	Average Price Per 100 Pounds		Value Of Production	Cash Receipts 3/	Home Consumption	Gross Income
	Thous. Pounds		Dollars		Thous. Dollars			
			Cattle	Calves				
Cattle And Calves								
1985	115,860	132,550	47.60	61.80	59,183	67,162	3,531	70,693
1986	99,665	136,520	46.10	57.90	49,104	66,399	3,400	69,799
1987	105,945	109,510	54.20	67.80	60,472	62,489	4,548	67,037
1988	109,765	103,790	61.40	78.20	71,134	67,188	4,540	71,728
1989	105,520	115,500	62.80	79.10	70,130	76,234	4,634	80,868
1990	114,740	107,536	65.80	107.00	82,701	78,620	5,108	83,728
Hogs And Pigs								
1985	85,775	87,605	44.40		38,958	40,217	613	40,830
1986	66,190	68,465	48.40		32,929	34,498	501	34,999
1987	77,185	71,865	50.10		39,474	37,313	519	37,832
1988	62,243	70,528	42.10		27,022	30,858	710	31,568
1989	55,932	53,408	41.80		23,990	23,260	705	23,965
1990	65,135	64,550	50.90		33,372	33,310	1,466	34,776
Sheep And Lambs			Sheep-Lambs					
1985	1,415	1,120	19.50	63.60	750	655	172	827
1986	1,264	940	22.00	67.40	728	575	121	696
1987	1,862	1,250	25.30	75.90	1,063	817	137	954
1988	1,914	1,913	23.30	71.10	934	936	128	1,064
1989	1,903	2,254	28.00	67.70	1,130	1,330	0	1,330
1990	1,850	2,275	22.60	57.30	886	902	266	1,168

1/ Adjustments made for changes in inventory and for inshipments.
2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.
3/ Receipts from marketings and sale of farm slaughter.

Commercial Livestock 1/: Maryland And Delaware, 1989 - 1990

Species And Month	1989			1990		
	Number Of Head Slaughtered	Average Liveweight	Liveweight	Number Of Head Slaughtered	Average Liveweight	Total Liveweight
	Thous.	Pounds	Thous. Lb	Thous.	Pounds	Thous. Lb
Cattle						
January	4.3	1,150	4,984	4.3	1,160	5,026
February	3.6	1,173	4,238	3.7	1,171	4,287
March	3.9	1,181	4,570	3.9	1,178	4,652
April	3.7	1,185	4,346	3.5	1,183	4,107
May	4.0	1,184	4,770	3.7	1,196	4,454
June	3.7	1,187	4,440	3.5	1,194	4,213
July	3.3	1,192	3,966	3.4	1,192	4,069
August	3.8	1,191	4,581	3.7	1,184	4,359
September	3.8	1,196	4,494	3.5	1,199	4,147
October	4.1	1,152	4,721	4.4	1,173	4,738
November	4.4	1,135	4,993	4.4	1,155	4,642
December	3.6	1,173	4,239	3.8	1,180	4,534
Total 2/	46.3	1,174	54,344	45.1	1,180	53,229
Calves						
January	2.7	369	1,014	3.2	383	1,239
February	2.3	381	874	2.9	381	1,091
March	2.5	389	959	2.4	373	883
April	2.8	380	1,059	2.4	380	912
May	3.3	381	1,260	4.2	382	1,594
June	2.8	382	1,054	3.5	380	1,332
July	2.4	394	956	2.3	420	979
August	2.3	390	904	2.4	365	865
September	2.3	387	872	2.5	426	1,067
October	2.8	379	1,051	2.7	410	1,087
November	3.0	387	1,141	1.7	417	712
December	3.2	377	1,208	1.2	418	484
Total 2/	32.3	383	12,351	31.3	392	12,245
Hogs						
January	20.6	224	4,606	19.6	211	4,142
February	16.3	221	3,605	16.3	223	3,643
March	16.9	224	3,774	18.9	220	4,154
April	15.6	227	3,541	16.6	225	3,731
May	17.5	223	3,900	17.0	208	3,538
June	17.8	222	3,967	16.7	221	3,684
July	16.9	215	3,627	15.2	218	3,315
August	18.7	213	3,970	17.4	216	3,765
September	18.5	216	4,006	17.3	218	3,784
October	19.0	221	4,188	19.2	218	4,187
November	20.0	215	4,296	19.8	224	4,432
December	22.4	212	4,736	24.2	225	5,464
Total 2/	220.1	219	48,217	218.3	219	47,839
Sheep And Lambs						
January	1.4	114	162	1.9	104	195
February	1.2	111	132	1.6	106	171
March	1.6	107	173	1.8	107	192
April	1.5	100	147	1.9	101	195
May	1.6	96	155	1.6	105	172
June	1.6	99	157	1.7	102	171
July	1.7	101	168	1.9	100	194
August	2.1	102	212	2.1	103	217
September	1.9	101	191	1.9	100	187
October	1.7	100	170	2.0	93	189
November	1.8	100	183	2.3	98	223
December	1.8	101	186	2.1	100	208
Total 2/	19.9	102	2,035	22.8	101	2,313

1/ Includes slaughter under federal inspection and other commercial slaughter; excludes farm slaughter.
2/ May not add due to rounding.

Prices, Income And Labor Review

Average prices received by Maryland farmers for 1989 production were mixed. Grain season average prices for 1990 were down for all grains except soybeans. Livestock average prices for 1990 were above 1989 for all classes. Chickens excluding broilers, and broiler prices were down from 1989, milk and egg prices were above those of 1989.

Total cash receipts for all farm commodities for 1990 at $1.346 billion, were up 1 percent above total cash receipts of $1.336 billion. Cash receipts from broilers at $399.4 million accounted for 29.7 percent of the total cash receipts. The average price received for broilers in 1990, at 35.0 cents per pound was 5.5 cents per pound below last year's 40.5 cents per pound and 2.5 cents below the previous record 37.5 cents received in 1986. Cash receipts from livestock and livestock products at $828.5 million was 4 percent below last year's $859.0 million and made up 61.5 percent of the sate's total cash receipts for 1990. Cash receipts for field crops at $258.4 million, increased 9 percent from a year earlier and made up 19.2 percent of the total cash receipts. Receipts were up for all field crops except for wheat, rye, oats and hay. Soybean cash receipts for 1990 at $99.6 million increased 5 percent from 1989's $94.6 million. Corn cash receipts totaled $89.0 million, up 26 percent from the $70.8 million receipts for 1989. Cash receipts for wheat, oats, and rye were down 16, 21 and 25 percent while barley was up 2 percent from a year earlier. Hay cash receipts were down 8 percent from 1989. Vegetable cash receipts for 1990 at $60.2 million, increased 21 percent from 1989's $49.7 million. Cash receipts for all vegetables increased from 1989.

Net farm income for 1990 was $407.2 million. This was slightly below the previous record of $407.6 million set in 1989 and 12 percent above the $363.6 million received in 1988.

Average Prices Received By Farmers, Maryland, 1985 - 1990

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						Corn--Dollars Per Bushel							
1985	2.87	2.90	2.90	2.98	2.93	2.91	2.71	2.59	2.37	2.28	2.39	2.56	2.43
1986	2.60	2.54	2.52	2.61	2.56	2.30	1.99	1.79	1.79	1.80	1.82	1.82	1.81
1987	1.77	1.72	1.73	1.80	1.95	2.00	1.85	1.76	1.90	1.99	2.02	2.08	2.15
1988	2.18	2.22	2.24	2.25	2.30	2.31	3.69	3.12	3.14	3.13	2.97	2.98	3.02
1989	3.02	2.97	2.98	2.91	2.95	2.88	2.88	2.69	2.58	2.58	2.60	2.62	2.70
1990	2.69	2.69	2.75	2.91	3.05	3.07	3.05	2.85	2.54	2.36	2.23	2.33	2.45 2/
						Barley--Dollars Per Bushel							
1985	2.06	2.11	2.07	2.01	1.85	1.54	1.47	1.45	1.46	1.46	1.47	1.43	1.51
1986	1.50	1.54	1.58	1.48	1.51	1.37	1.22	1.26	1.29	1.36	1.44	1.48	1.35
1987	1.47	1.51	1.45	1.40	1.46	1.19	1.22	1.20	1.24	1.32	1.34	1.50	1.24
1988	1.51	1.61	1.57	1.60	1.69	1.73	2.10	2.09	2.14	2.21	2.34	2.27	1.91
1989	2.41	2.38	2.32	2.35	2.29	2.13	1.94	1.88	1.92	1.93	1.96	2.04	2.05
1990	2.05	2.10	2.12	2.15	2.06	1.99	1.97	1.91	1.89	1.89	1.87	1.91	1.95 2/
						Oats--Dollars Per Bushel							
1985	1.94	1.97	2.00	1.95	1.95	1.87	1.46	1.14	1.21	1.18	1.17	1.21	1.36
1986	1.26	1.22	1.25	1.13	1.11	1.06	1.01	1.09	1.00	1.01	1.01	1.01	1.07
1987	1.15	1.26	1.39	1.36	1.46	1.28	1.22	1.06	1.12	1.35	1.49	1.50	1.30
1988	1.68	1.84	1.82	1.88	1.83	2.00	2.37	2.17	2.30	2.30	2.29	2.27	2.29
1989	2.36	2.46	2.42	2.34	2.33	2.29	1.53	1.40	1.35	1.35	1.55	1.68	1.60
1990	1.87	1.65	1.68	1.64	1.61	1.63	1.50	1.30	1.30	1.27	1.31	1.31	1.40 2/
						Wheat--Dollars Per Bushel							
1985	3.14	3.22	3.21	3.19	3.17	3.08	2.85	2.64	2.68	2.83	3.12	3.12	2.91
1986	3.30	3.23	3.30	3.27	3.07	3.37	2.41	2.34	2.39	2.51	2.40	2.95	2.48
1987	3.05	2.87	3.00	3.05	3.02	2.48	2.40	2.46	2.73	2.95	2.86	2.77	2.55
1988	3.15	3.12	2.90	2.99	3.00	3.48	3.54	3.52	3.77	3.93	3.91	4.06	3.65
1989	4.27	4.03	4.05	3.72	3.89	3.64	3.48	3.51	3.58	3.72	3.71	3.76	3.55
1990	3.72	3.70	3.39	3.45	3.48	3.18	2.95	2.73	2.65	2.61	2.49	2.53	2.85 2/
						Rye--Dollars Per Bushel							
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
1988	1.93	1.88	1.73	1.69	1.83	1.55	1.55	1.54	2.36	3.14	4.55	3.84	2.01
1989	4.50	3.87	4.55	3.58	3.61	3.22	2.88	2.81	2.85	2.98	2.97	2.61	2.85
1990	2.64	2.86	2.85	2.80	2.86	3.52	2.40	2.20	2.40	2.40	2.20	2.20	2.30 2/
						Soybeans--Dollars Per Bushel							
1985	5.80	5.90	5.87	6.02	5.73	5.66	5.46	5.03	4.96	4.89	4.90	5.10	5.01
1986	5.28	5.16	5.30	5.10	5.06	4.92	4.85	4.63	4.62	4.60	4.86	4.82	4.84
1987	4.88	4.83	4.84	5.10	5.31	5.60	5.25	5.06	5.22	5.28	5.50	5.85	5.90
1988	6.11	6.13	6.18	6.64	7.19	8.87	8.66	8.37	8.49	7.81	7.54	7.56	7.57
1989	7.75	7.35	7.60	7.24	7.24	7.10	7.13	6.16	5.64	5.41	5.59	5.67	5.60
1990	5.65	5.60	5.72	5.78	6.03	5.74	5.91	5.90	6.03	5.95	5.39	5.60	5.65
						Apples, Fresh Market--Cents Per Pound							
1985	14.8	16.3	16.7	17.1	17.5	----	13.3	13.3	16.1	11.8	13.3	15.2	13.9
1986	13.3	13.3	13.3	14.8	15.5	----	----	12.5	14.0	17.0	14.5	15.0	15.5
1987	15.0	13.0	19.0	22.0	25.0	----	----	20.0	18.0	13.0	13.0	12.0	14.7
1988	12.0	14.0	17.0	19.0	21.0	----	----	----	21.0	22.0	22.0	21.0	17.2
1989	18.5	11.5	11.5	13.5	11.5	----	----	20.0	31.0	24.4	22.2	20.2	16.6
1990	14.5	14.5	14.0	17.0	14.5	----	----	20.0	28.4	20.0	27.4	24.9	16.5 2/
						All Hay--Dollars Per Ton							
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.00	82.00	83.00	84.50
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	116.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	96.00
1988	95.00	95.00	92.00	99.00	93.00	97.00	105.00	105.00	122.00	108.00	111.00	103.00	100.00
1989	100.00	95.00	97.00	95.00	96.00	96.00	87.00	81.00	96.00	94.00	103.00	95.00	102.00
1990	115.00	99.00	104.00	108.00	111.00	105.00	103.00	89.00	86.00	95.00	99.00	93.00	88.00

1/ Marketing seasons at end of table.
2/ Preliminary.

Average Prices Received By Farmers, Maryland, 1985 - 1990 -- Continued

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						Alfalfa Hay--Dollars Per Ton							
1985	105.00	115.00	100.00	110.00	95.00	90.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	139.00	140.00	127.50
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	104.00
1988	100.00	100.00	100.00	109.00	103.00	105.00	115.00	123.50	142.50	133.50	127.00	120.00	115.00
1989	123.50	106.50	114.00	105.50	111.50	108.00	98.00	97.00	116.00	120.00	113.00	123.00	117.00
1990	134.00	112.00	118.00	116.00	124.00	122.00	120.00	95.00	88.00	100.00	112.00	100.00	98.00 2/
						All Other Hay--Dollars Per Ton							
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	73.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	106.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	88.00
1988	80.00	90.00	85.00	90.00	84.00	90.00	97.50	90.00	105.00	86.50	98.00	88.50	91.00
1989	81.00	85.50	82.50	87.00	82.50	86.00	79.00	67.00	80.00	74.00	95.00	90.00	91.00
1990	98.00	89.00	93.00	101.00	101.00	91.00	89.00	84.00	84.00	91.00	88.00	87.00	80.00 2/
						Beef Cattle, All--Dollars Per Cwt							
1985	50.40	52.30	51.80	50.10	48.50	45.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20
1988	59.50	61.10	60.00	62.30	63.90	61.40	61.60	60.50	63.20	62.10	60.20	61.10	61.40
1989	54.80	56.50	56.50	54.80	59.20	56.70	57.10	57.10	58.10	54.80	56.80	59.10	62.80
1990	64.00	62.70	65.10	65.60	67.20	69.70	67.50	68.50	65.10	64.20	62.70	67.20	65.80 2/
						Steers And Heifers--Dollars Per Cwt							
1985	56.00	57.50	57.00	55.70	52.60	49.90	48.90	47.70	45.80	46.40	56.00	54.40	52.40
1986	52.70	50.00	51.00	48.70	50.00	49.70	50.00	53.00	54.00	51.00	52.00	51.20	51.10
1987	52.70	55.00	56.50	60.00	62.30	61.30	61.00	60.00	62.00	64.00	64.90	59.90	60.10
1988	65.80	67.90	66.30	68.40	70.00	69.00	68.70	66.40	74.50	68.60	65.90	68.10	68.30
1989	69.90	70.50	71.90	69.40	70.90	70.30	67.70	68.70	73.70	67.60	69.70	70.70	70.10
1990	69.90	67.90	71.00	72.50	72.90	77.00	74.40	76.20	70.60	69.90	69.60	74.50	72.20 2/
						Beef Cows--Dollars Per Cwt 3/							
1985	40.00	42.60	42.00	39.80	41.00	39.80	39.96	36.50	36.00	35.80	36.50	36.60	38.80
1986	38.50	38.00	36.20	35.00	34.10	38.10	35.90	37.20	37.50	36.70	37.50	36.40	36.80
1987	38.50	69.90	41.50	43.50	46.40	46.30	45.50	41.00	44.70	42.50	44.00	45.00	43.30
1988	47.90	48.60	47.20	51.00	52.60	47.40	48.30	49.50	42.10	50.00	49.60	48.20	48.60
1989	46.80	48.70	47.70	47.30	51.60	49.60	51.50	49.10	47.30	49.80	49.90	50.50	49.10
1990	52.90	53.10	54.10	52.80	56.50	56.20	54.70	54.10	55.00	53.70	50.00	53.70	53.90 2/
						Calves--Dollars Per Cwt							
1985	64.00	66.00	65.00	63.90	66.00	64.70	58.70	55.10	56.00	60.20	62.00	59.50	61.80
1986	59.90	59.10	61.00	59.00	55.70	62.00	59.20	55.00	58.80	56.00	56.00	55.00	57.90
1987	56.60	58.00	60.00	63.00	73.00	72.10	74.20	76.00	73.30	74.00	71.20	73.50	67.80
1988	79.40	81.40	73.40	79.10	82.10	80.80	80.80	79.00	85.00	75.60	78.20	77.10	78.20
1989	85.73	81.00	77.49	83.73	75.25	92.50	76.60	77.50	75.66	75.66	79.34	73.45	79.10
1990	89.90	91.80	102.00	104.00	110.00	134.00	109.00	112.00	114.00	109.00	95.70	103.00	107.00 2/
						All Hogs--Dollars per Cwt							
1985	47.60	49.50	43.70	39.90	40.50	43.10	47.80	44.60	40.00	43.40	43.40	43.70	44.40
1986	45.00	43.90	40.00	39.30	43.20	48.30	5.50	57.10	59.10	51.30	52.60	52.40	48.40
1987	46.40	48.20	45.40	48.20	53.00	55.20	55.00	56.60	54.70	47.70	43.50	40.90	50.10
1988	41.70	46.30	43.30	42.60	44.40	47.90	44.60	46.40	41.40	39.80	38.30	37.10	42.10
1989	42.10	40.00	38.90	36.80	39.60	44.50	45.50	44.80	42.50	45.30	45.00	47.10	41.90
1990	45.60	46.30	47.30	49.80	57.20	58.40	56.40	54.30	51.40	53.20	48.00	46.10	50.90 2/
						Barrows-Gilts--Dollars Per Cwt							
1985	48.20	50.10	44.00	40.10	40.60	43.70	44.60	45.40	40.50	44.20	44.00	45.10	44.90
1986	45.80	44.70	40.50	39.70	44.00	49.50	50.30	59.10	59.90	52.00	53.10	53.20	49.30
1987	47.00	49.00	46.00	49.00	54.00	56.60	50.50	57.90	55.60	48.00	44.00	40.90	51.50
1988	42.00	46.50	43.40	42.80	44.50	48.00	44.70	46.50	41.50	39.90	38.40	38.20	43.20
1989	43.20	40.60	39.80	37.60	41.20	45.30	46.80	46.10	43.30	46.20	45.80	48.00	42.90
1990	46.10	46.80	47.40	49.90	57.80	59.10	57.20	55.00	52.00	53.80	48.40	46.80	51.40 2/

1/ Marketing seasons at end of table.
2/ Preliminary.
3/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.

Average Prices Received By Farmers, Maryland, 1985 - 1990 -- Continued

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season Average 1/
						Broilers--Cents Per Pound							
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.5	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
1988	29.5	28.5	32.0	30.5	39.0	42.0	42.0	45.0	47.0	39.0	37.0	39.0	36.5
1989	40.0	39.0	41.0	42.0	49.0	46.0	41.0	38.0	41.0	33.0	34.0	29.5	40.5
1990	34.5	38.5	39.0	34.5	37.5	36.0	39.5	36.0	36.0	29.5	29.0	32.0	35.0
						Chickens, Excluding Broilers--Cents Per Pound							
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	17.0	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
1988	4.2	4.1	4.5	5.5	3.5	3.5	8.5	21.0	19.5	19.0	20.0	15.0	9.0
1989	13.5	16.5	20.5	22.0	19.0	14.5	13.5	16.5	13.5	16.0	20.6	15.5	17.0
1990	16.0	13.5	17.0	9.0	7.5	6.5	6.0	8.5	6.0	7.5	11.5	13.0	10.0
						Total Eggs--Cents Per Dozen 4/							
1985	66.0	61.0	65.0	62.0	61.0	62.0	64.0	64.0	67.0	69.0	71.0	70.0	65.0
1986	70.0	67.0	72.0	62.0	60.0	58.0	63.0	65.0	64.0	64.0	70.0	69.0	65.0
1987	62.0	59.0	58.0	58.0	55.0	53.0	55.0	54.0	64.0	53.0	55.0	52.0	58.0
1988	47.0	52.0	56.0	52.0	50.0	53.0	59.0	64.0	66.0	64.0	61.0	60.3	56.0
1989	6/60.7	52.9	77.1	63.3	59.8	59.3	61.3	64.3	70.2	69.0	77.1	83.4	63.8
1990	6/81.6	65.0	74.8	70.7	54.4	57.9	53.7	63.5	65.1	70.1	72.1	75.5	67.2
						Wholesale Milk--Dollars Per Cwt 5/							
1985	14.50	14.20	13.80	13.40	12.90	12.50	12.50	12.40	12.60	12.90	13.00	13.00	13.10
1986	13.00	12.90	12.70	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.90	14.00	12.90
1987	14.00	13.60	13.20	12.80	12.50	12.50	12.70	12.80	13.30	13.50	13.60	13.40	13.10
1988	13.50	13.10	12.80	12.30	12.10	12.00	12.20	12.50	13.20	13.80	14.30	14.50	13.00
1989	14.50	14.40	13.80	13.30	13.10	13.40	13.50	14.10	14.80	15.80	16.50	17.10	14.50
1990	16.80	16.00	15.20	14.30	14.40	14.80	15.20	15.50	15.30	14.40	14.00	12.60	14.90
						Milk Cows--Dollars Per Head							
1985	920	--	--	910	--	--	910	--	--	900	--	--	910
1986	915	--	--	870	--	--	900	--	--	895	--	--	895
1987	890	--	--	950	--	--	950	--	--	1,000	--	--	950
1988	1,000	--	--	1,050	--	--	1,030	--	--	1,010	--	--	1,020
1989	1,040	--	--	1,070	--	--	1,090	--	--	1,100	--	--	1,080
1990	1,180	--	--	1,200	--	--	1,200	--	--	1,200	--	--	1,200

1/ Marketing seasons at end of table.
4/ Includes eggs sold wholesale, retail, and hatching eggs.
5/ Average price, F.O.B. plant or receiving station.
6/ Beginning in 1989 price is market eggs.

Marketing Season For Maryland Commodities

Apples:	July 1 to June 30
Barley:	June 1 to May 31
Corn For Grain:	September 1 to August 31
Hay:	June 1 to May 31
Oats:	June 1 to May 31
Peaches:	July 1 to September 30
Potatoes:	July 1 to December 31
Rye:	July 1 to June 30
Soybeans:	September 1 to August 31
Sweet Potatoes:	September 1 to August 31
Tobacco:	April 1 (following year of production) through March 31
Wheat:	June 1 to May 31
Cattle & Calves:	January 1 to December 31
Hogs:	December 1 to November 30
Poultry:	December 1 to November 30
Eggs:	December 1 to November 30

Index Numbers: Prices Received By Farmers, Maryland 1985-1990 (1977 = 100)

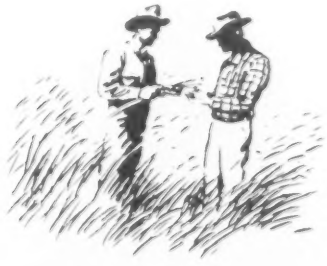
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average 1/
All Commodities													
1985	131	132	128	125	126	128	124	120	122	118	125	122	125
1986	126	122	123	122	125	126	134	133	129	131	126	119	126
1987	116	118	114	116	118	115	115	122	117	111	116	114	116
1988	119	118	122	120	133	141	149	150	155	144	140	143	136
1989	146	142	145	145	155	151	145	140	145	135	139	136	144
1990	141	144	145	139	145	146	152	144	142	130	127	129	141
All Crops													
1985	108	109	116	116	112	113	110	101	101	98	101	105	108
1986	106	104	105	104	99	93	87	86	87	88	90	90	95
1987	78	85	88	91	96	96	92	88	91	91	93	95	90
1988	98	100	101	106	110	120	141	130	132	129	125	125	118
1989	125	119	122	125	125	122	123	118	117	114	115	115	120
1990	116	116	117	125	127	129	133	124	121	116	113	115	122
All Livestock And Livestock Products													
1985	145	144	134	130	135	136	132	130	133	129	138	132	135
1986	138	131	134	132	139	145	160	160	152	155	147	135	144
1987	137	136	129	131	131	126	129	140	131	123	129	124	131
1988	130	128	133	129	147	153	154	161	168	152	149	153	146
1989	158	154	158	157	172	167	156	152	161	148	152	148	160
1990	155	160	160	148	155	155	162	156	154	138	134	137	151
Dairy Products													
1985	139	137	133	129	124	120	120	119	121	124	125	125	126
1986	125	123	122	119	118	117	119	121	126	130	134	135	124
1987	135	131	127	123	120	120	122	123	128	130	131	129	127
1988	130	126	123	118	116	115	117	120	127	133	138	139	125
1989	139	138	133	128	126	129	130	136	142	152	159	164	140
1990	162	154	146	138	138	142	146	149	147	138	135	121	143
Meat Animals													
1985	149	154	147	140	139	138	137	133	126	132	142	140	140
1986	141	124	133	129	132	142	150	152	156	144	146	144	141
1987	141	147	146	155	167	172	172	168	168	162	157	151	159
1988	161	170	162	166	172	171	168	168	168	162	158	158	165
1989	167	165	163	161	164	174	168	167	168	168	168	171	167
1990	176	176	184	188	201	215	200	200	193	192	179	186	190
Poultry And Eggs													
1985	147	146	133	128	140	146	139	137	143	131	145	135	139
1986	145	135	142	140	154	164	188	186	168	174	155	133	157
1987	138	136	126	130	130	119	124	145	125	110	122	115	127
1988	123	119	134	127	161	173	174	186	194	162	154	161	156
1989	167	162	173	175	203	191	171	159	172	140	145	133	166
1990	147	161	164	145	155	150	163	150	151	125	124	136	148
Grains And Hay 2/													
1985	129	131	130	133	130	129	120	108	107	104	109	115	120
1986	118	116	115	118	115	103	92	85	86	87	89	90	101
1987	66	87	87	89	94	92	87	84	90	94	96	98	89
1988	102	104	104	105	106	109	162	141	144	143	137	138	125
1989	139	136	137	133	135	132	130	122	119	120	121	122	129
1990	126	125	126	133	138	138	136	127	114	108	103	107	123
Soybeans													
1985	104	106	105	108	103	102	98	90	89	88	88	88	97
1986	95	93	95	92	91	88	87	83	83	83	87	87	89
1987	88	87	87	92	99	101	94	91	94	95	99	105	94
1988	110	110	111	119	129	159	155	150	152	140	135	136	133
1989	139	132	136	130	130	127	128	111	101	97	100	102	119
1990	101	101	103	104	108	103	106	106	108	107	97	101	104
Tobacco													
1985	91	91	134	121	111	125	125	125	125	125	125	125	119
1986	122	122	123	112	91	91	91	115	115	115	115	115	111
1987	103	103	103	103	103	103	103	103	103	103	103	103	103
1988	103	103	103	109	109	109	109	109	109	109	109	109	107
1989	109	109	109	140	140	140	140	140	140	140	140	140	132
1990	140	140	140	163	163	163	163	163	163	163	163	163	157
Fruit													
1985	116	123	125	127	129	129	142	130	139	118	125	134	128
1986	125	125	125	132	136	124	124	107	117	130	118	120	124
1987	110	100	129	143	157	157	157	134	124	100	100	96	126
1988	96	105	119	129	138	138	138	138	137	146	146	137	131
1989	110	77	101	110	101	101	119	167	208	176	166	156	133
1990	159	159	157	171	159	211	271	185	209	185	220	208	191

1/ Annual average based on unrounded monthly indexes.
2/ Excludes soybeans.

Commodity-Feed Price Ratios, By Month, Maryland, 1985 - 1990

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average 1/
						Hog-Corn ratio 2/							
1985	16.6	17.1	15.1	13.4	13.8	14.8	17.6	17.2	16.9	19.0	18.2	17.1	16.5
1986	17.3	17.3	15.9	15.1	16.9	21.0	28.9	32.2	33.0	28.5	28.9	28.2	23.6
1987	26.2	28.0	26.2	26.8	27.2	27.6	31.4	32.2	28.8	24.0	21.5	19.7	23.3
1988	19.1	20.9	19.3	18.9	19.3	20.7	12.1	14.9	13.2	12.7	12.9	12.4	13.8
1989	13.9	13.5	13.1	12.6	13.4	15.5	15.8	16.7	16.5	17.6	17.3	18.0	15.5
1990	17.0	17.2	17.2	17.1	18.8	19.0	18.5	19.1	20.2	22.5	21.5	19.8	20.8
						Milk-Feed Ratio 3/							
1985	1.76	1.73	1.73	1.63	1.57	1.57	1.56	1.55	1.58	1.57	1.64	1.57	1.62
1986	6/1.48	--	--	1.48	--	--	1.51	--	--	1.75	--	--	1.57
1987	6/1.73	--	--	1.61	--	--	1.56	--	--	1.65	--	--	1.63
1988	6/1.51	--	--	1.40	--	--	1.15	--	--	1.32	--	--	1.34
1989	6/1.38	--	--	1.29	--	--	1.37	--	--	1.63	--	--	1.44
1990	6/1.67	--	--	1.48	--	--	1.55	--	--	1.45	--	--	1.50
						Egg-Feed Ratio 4/							
1985	6.4	6.1	6.6	6.3	6.6	7.2	7.4	7.7	8.1	8.1	9.2	9.3	7.0
1986	6/ 7.2	--	--	6.4	--	--	6.9	--	--	7.0	--	--	7.0
1987	6/ 7.3	--	--	6.6	--	--	5.7	--	--	6.0	--	--	6.5
1988	6/ 5.6	--	--	5.2	--	--	4.9	--	--	5.3	--	--	5.3
1989	6/ 6.0	--	--	6.3	--	--	6.2	--	--	7.2	--	--	6.5
1990	6/ 8.4	--	--	7.3	--	--	5.4	--	--	7.4	--	--	7.1
						Broiler-Feed Ratio 5/							
1985	3.1	3.4	2.8	2.7	3.2	3.3	3.3	3.4	3.2	3.2	2.8	3.1	3.1
1986	6/ 3.2	--	--	3.1	--	--	4.5	--	--	4.4	--	--	3.7
1987	6/ 3.6	--	--	3.2	--	--	2.9	--	--	2.6	--	--	3.1
1988	6/ 2.8	--	--	3.1	--	--	3.4	--	--	2.8	--	--	3.1
1989	6/ 2.8	--	--	3.3	--	--	3.3	--	--	2.7	--	--	3.1
1990	6/ 2.7	--	--	3.0	--	--	3.3	--	--	2.7	--	--	3.0

1/ Calendar year average milk-feed ratio, other ratios December - November.
2/ Bushels of corn equal in value to 100 pounds of hog, liveweight.
3/ Number of pounds of 16% mixed dairy-feed equal in value to one pound of milk sold to plants.
4/ Pounds of laying-feed equal in value to one dozen eggs.
5/ Pounds of broiler-growing-feed equal in value to one pound of broiler, liveweight.
6/ Quarterly U.S. Price Ratio.



Feed: Average Prices Paid By Farmers, Maryland, 1985-1990 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bran-Dollars Per Cwt												
1985	9.89	9.81	9.72	9.54	9.47	9.48	9.48	9.44	9.35	9.24	9.31	9.29
1986	9.43	9.43	----	9.28	----	----	9.17	----	----	8.89	----	----
1987	8.89	----	----	8.90	----	----	8.72	----	----	8.63	----	----
1988	9.16	----	----	9.54	----	----	10.20	----	----	10.60	----	----
1989	10.80	----	----	11.00	----	----	10.90	----	----	10.80	----	----
1990	10.90	----	----	10.80	----	----	10.80	----	----	10.70	----	----
Corn Meal-Dollars Per Cwt												
1985	7.62	7.54	7.58	7.56	7.41	7.40	7.39	7.29	7.13	6.94	6.80	6.80
1986	6.80	6.76	----	6.74	----	----	6.71	----	----	6.06	----	----
1987	6.13	----	----	6.04	----	----	6.10	----	----	5.83	----	----
1988	5.88	----	----	6.12	----	----	7.84	----	----	7.75	----	----
1989	7.59	----	----	7.37	----	----	7.53	----	----	7.02	----	----
1990	7.24	----	----	7.30	----	----	7.62	----	----	7.39	----	----
Dairy Feed 14% Protein 1/												
1985	168	163	162	161	161	161	161	158	156	155	156	158
1986	160	157	---	155	---	---	149	---	---	140	---	---
1987	145	---	---	142	---	---	145	---	---	141	---	---
1988	153	---	---	155	---	---	182	---	---	185	---	---
1989	183	---	---	180	---	---	172	---	---	168	---	---
1990	171	---	---	171	---	---	175	---	---	169	---	---
Hog Feed, 14-18% Protein 1/												
1985	196	194	192	194	193	189	188	183	183	182	185	188
1986	190	189	---	189	---	---	185	---	---	179	---	---
1987	173	---	---	167	---	---	175	---	---	179	---	---
1988	189	---	---	190	---	---	244	---	---	226	---	---
1989	220	---	---	223	---	---	220	---	---	212	---	---
1990	211	---	---	211	---	---	216	---	--	211	---	---
Broiler Grower 1/												
1985	218	212	210	204	196	196	196	192	189	181	182	186
1986	191	189	---	189	---	---	190	---	---	177	---	---
1987	174	---	---	183	---	---	193	---	---	193	---	---
1988	195	---	---	181	---	---	248	---	---	255	---	---
1989	246	---	---	240	---	---	236	---	---	223	---	---
1990	224	---	---	217	---	---	221	---	---	210	---	---
Laying Feed 1/												
1985	189	188	185	186	183	182	181	178	177	175	178	179
1986	181	179	---	177	---	---	172	---	---	166	---	---
1987	164	---	---	167	---	---	178	---	---	168	---	---
1988	176	---	---	176	---	---	237	---	---	222	---	---
1989	215	---	---	211	---	---	209	---	---	200	---	---
1990	199	---	---	195	---	---	206	---	---	199	---	---
Soybean Meal, 44% Protein												
1985	11.10	11.00	10.60	10.30	10.10	9.82	9.74	9.76	10.00	10.30	10.60	10.70
1986	10.90	11.10	-----	11.40	-----	-----	11.50	-----	-----	11.60	-----	-----
1987	11.30	-----	-----	11.40	-----	-----	12.40	-----	-----	12.60	-----	-----
1988	13.90	-----	-----	13.70	-----	-----	18.00	-----	-----	17.00	-----	-----
1989	16.60	-----	------	15.60	-----	-----	15.60	-----	-----	14.70	-----	-----
1990	13.50	-----	-----	12.70	-----	-----	13.20	-----	-----	13.10	-----	-----

1/ Monthly price estimation ended February, 1986.

CASH RECEIPTS, 1986 - 90

STATE AND COMMODITY	1986	1987	1988	1989	1990
			1,000 DOLLARS		
MARYLAND					
ALL COMMODITIES	1,171,817	1,128,957	1,224,472	1,336,180	1,346,048
LIVESTOCK AND PRODUCTS	811,060	734,180	767,603	859,031	828,486
MEAT ANIMALS	101,472	100,619	98,981	100,823	112,831
CATTLE AND CALVES	66,399	62,489	67,188	76,234	78,620
CATTLE	49,405	46,861	51,079	58,278	58,203
CALVES	16,994	15,628	16,109	17,956	20,417
HOGS	34,498	37,313	30,858	23,260	33,310
SHEEP AND LAMBS	575	817	935	1,329	901
SHEEP	28	65	206	138	261
LAMBS	547	752	729	1,191	640
DAIRY PRODUCTS	207,045	195,714	185,640	197,635	201,150
MILK, WHOLESALE	207,045	195,714	185,640	197,635	201,150
DAIRY HOME CONSUMP.	NA	NA	NA	NA	NA
POULTRY/EGGS	477,293	402,578	442,676	511,194	464,218
BROILERS	425,514	354,551	396,142	448,899	399,427
FARM CHICKENS	1,791	1,574	1,240	3,063	2,385
CHICKEN EGGS	48,208	44,757	43,493	58,041	60,659
TURKEYS	1,680	1,596	1,701	1,086	1,640
OTHER POULTRY	100	100	100	105	107
MISCELLANEOUS	25,250	35,269	40,306	49,379	50,287
HONEY	166	152	135	111	121
WOOL	84	177	171	165	63
OTHER LIVESTOCK	25,000	35,000	40,000	49,103	50,000
MINK PELTS	NA	NA	NA	103	103
ALL OTHER LIVESTOCK	25,000	35,000	40,000	49,000	50,000
CROPS	360,757	394,777	456,869	477,149	517,562
FOOD GRAINS	14,763	16,903	30,107	31,538	26,397
RYE	278	254	337	355	282
WHEAT	14,485	16,649	29,770	31,183	26,115
FEED CROPS	72,660	63,378	77,644	96,394	112,948
BARLEY	5,790	6,221	8,607	6,661	6,770
CORN	56,631	42,937	50,121	70,771	88,964
HAY	10,130	14,019	18,278	17,919	16,436
OATS	109	201	638	1,043	778
TOBACCO	24,900	16,659	19,212	13,759	18,041
OIL CROPS	52,244	48,576	89,911	94,558	99,604
SOYBEANS	52,244	48,576	89,911	94,558	99,604
VEGETABLES	40,334	56,532	51,864	49,689	60,206
POTATOES	1,741	3,220	3,305	3,029	3,305
SUMMER	1,741	3,220	3,305	3,029	3,305
SWEETPOTATOES	1,409	1,228	1,839	1,785	1,286
ASPARAGUS	240	140	300	394	618
FRESH	240	140	300	394	618
BEANS, SNAP	650	1,199	1,081	2,842	2,465
PROCESSING	650	1,199	1,081	2,842	2,465
CORN, SWEET	2,000	1,886	2,152	1,767	2,986
PROCESSING	2,000	1,886	2,152	1,767	2,986
CUCUMBERS	4,070	3,305	3,700	2,460	3,929
PROCESSING	4,070	3,305	3,700	2,460	3,929
PEAS, GREEN	818	586	663	621	1,028
PROCESSING	818	586	663	621	1,028
TOMATOES	9,406	12,668	12,974	9,091	15,789
DESERT OR FRESH	7,680	10,919	11,154	7,995	14,437
PROCESSING	1,726	1,749	1,820	1,096	1,442
MISC. VEGETABLES	20,000	32,300	25,850	27,700	28,80
MIC. VEGETABLES	20,000	32,300	25,850	27,700	28,800
FRUITS/NUTS	15,701	10,635	13,506	13,805	13,624

MARYLAND FARM INCOME, 1986-1990

ITEM	1986	1987	1988	1989	1990
			MILLION DOLLARS		
GROSS FARM INCOME	1,251.6	1,271.9	1,379.7	1,476.2	1,492.6
CASH INCOME	1,246.6	1,221.4	1,309.8	1,407.4	1,412.9
FARM MARKETINGS	1,171.8	1,129.0	1,224.5	1,336.2	1,346.0
CROPS	360.8	394.8	456.9	477.1	517.6
LIVESTOCK AND PRODUCTS	811.1	734.2	767.6	859.0	828.5
GOVERNMENT PAYMENTS	32.2	49.0	42.7	23.7	17.4
OTHER FARM INCOME	42.4	43.4	42.6	47.5	49.5
MACHINE HIRE/CUSTOMWORK	8.0	10.3	9.2	10.8	11.3
OTHER FARM-RELATED INCOME	34.3	33.1	33.4	36.7	38.2
NONCASH INCOME	57.3	62.0	67.7	67.3	66.1
VALUE OF HOME CONSUMPTION	6.6	7.2	7.4	6.4	7.9
RENTAL VALUE OF DWELLINGS	50.6	54.8	60.4	60.9	58.3
OPERATOR AND OTHER DWELLINGS	48.2	52.4	58.0	58.7	55.7
HIRED LABORER DWELLINGS	2.4	2.3	2.4	2.2	2.5
VALUE OF INVENTORY ADJUSTMENT	-52.0	-11.4	2.2	1.5	13.6
TOTAL PRODUCTION EXPENSES	986.4	967.1	1,016.1	1,068.6	1,085.4
INTERMEDIATE PRODUCTS EXPENSES	642.4	625.0	668.7	710.4	715.1
FARM ORIGIN	348.0	323.7	367.4	376.4	379.0
FEED PURCHASED	259.2	238.1	280.6	281.4	277.7
LIVESTOCK AND POULTRY PURCHASED	66.5	62.9	63.3	70.2	76.3
SEED PURCHASED	22.3	22.7	23.4	24.8	25.0
MANUFACTURED INPUTS	125.2	120.5	126.4	132.0	136.7
FERTILIZER AND LIME	55.2	49.4	53.2	55.5	54.6
PESTICIDES	25.5	26.0	26.4	31.4	33.0
FUEL AND OIL	30.9	28.8	29.6	30.0	34.4
ELECTRICITY	13.7	16.4	17.3	15.1	14.8
OTHER	169.2	180.7	174.9	202.0	199.4
REPAIR AND MAINTENANCE	53.8	56.7	55.2	56.7	59.9
OTHER MISCELLANEOUS	115.4	124.0	119.8	145.3	139.5
INTEREST:	94.0	89.5	89.4	94.7	95.0
REAL ESTATE	58.9	53.8	54.1	58.1	57.3
NONREAL ESTATE	35.1	35.6	35.3	36.6	37.8
CONTRACT AND HIRED LABOR EXPENSES	73.0	78.6	81.1	89.7	99.2
CASH LABOR EXPENSES	69.8	74.8	77.3	86.1	95.3
PERQUISITES	3.2	3.8	3.7	3.6	3.9
NET RENT TO NONOPERATOR LANDLORDS	5.7	9.2	9.9	2.5	5.7
CAPITAL CONSUMPTION	145.8	137.5	139.9	142.6	138.9
PROPERTY TAXES	25.6	27.3	27.1	28.7	31.5
NET FARM INCOME	265.2	304.9	363.6	407.6	407.3
CASH INCOME	1,246.4	1,221.4	1,309.8	1,407.4	1,412.9
CASH EXPENSES	822.3	808.7	854.6	905.3	924.0
INTERMEDIATE PRODUCT EXPENSES	635.3	616.6	659.7	703.2	706.8
INTEREST	89.4	84.9	84.6	89.2	89.6
CASH LABOR EXPENSES	69.8	74.8	77.3	86.1	95.3
NET RENT TO NON OPERATOR LANDLORDS	5.7	9.2	9.9	2.5	5.7
PROPERTY TAXES	22.2	23.1	23.0	24.3	26.6
NET CASH INCOME	424.0	412.7	455.2	502.2	488.9
CASH INCOME	1,246.4	1,221.4	1,309.8	1,407.4	1,412.9
CASH EXPENSES	822.3	808.7	854.6	905.3	924.0
CAPITLA CONSUMPTION	130.1	120.6	121.0	123.0	120.4
NET BUSINESS INCOME	293.9	292.0	334.1	379.1	368.5
GROSS RECEIPTS OF FARMS	1,203.4	1,219.5	1,312.7	1,417.6	1,436.9
NONFACTOR PAYMENTS	787.6	760.4	803.8	850.5	853.8
INTERMEDIATE PRODUCT EXPENSES	635.3	616.6	659.7	703.2	706.8
CAPITAL CONSUMPTION	130.1	120.6	121.0	123.0	120.4
PROPERTY TAXES	22.2	23.1	23.0	24.3	26.6
FACTOR PAYMENTS	415.8	459.1	517.9	567.1	583.1
INTEREST	89.4	84.9	84.6	89.2	89.6
CONTRACT AND HIRED LABOR EXPENSES	73.0	78.6	81.1	89.7	99.2
NET RENT TO NONOPERATOR LANDLORDS	5.7	9.2	9.9	2.5	5.7
RETURNS TO OPERATOR	247.7	286.4	342.3	385.7	388.6
OFF-FARM INCOME	504.9	516.9	520.2	521.5	609.5

Farm Numbers And Acreage, Maryland And United States 1978 - 1990

Year	Maryland			United States		
	Number Of Farms 1/	Average Acres Per Farm	Total Land In Farms	Number Of Farms 1/	Average Acres Per Farm	Total Land In Farms
			Thous. Acres	Thous. Farms		Million Acres
1978	17,000	156	2,650	2,436	429	1,045
1979	17,000	159	2,700	2,437	428	1,042
1980	17,500	157	2,750	2,440	426	1,039
1981	18,200	154	2,800	2,440	424	1,034
1982	18,000	153	2,750	2,407	427	1,028
1983	18,000	150	2,700	2,379	430	1,023
1984	17,800	152	2,700	2,334	436	1,018
1985	17,500	149	2,600	2,293	441	1,012
1986	17,000	147	2,500	2,250	447	1,005
1987	16,500	148	2,450	2,213	451	999
1988	16,000	147	2,350	2,197	453	995
1989	15,600	147	2,300	2,171	457	991
1990	15,200	148	2,250	2,140	461	987

1/ Prior to 1975 a farm was considered any place with less than 10 acres having sales of $250 or more or places of 10 acres or more with $50 of sales. Beginning in 1975 the farm definition became a place that sells or normally would sell $1,000 of agricultural produce.

Real Estate Value, Maryland 1982 - 1991

Year	Value Of Land And Buildings		Total Value Of Farm Buildings 1/	Average Value Per Operating Unit 1/
	Total 1/	Average Per Acre		
	Million Dollars	Dollars	Million Dollars	Dollars
1982	6,534	2,376	1,339	363,000
1983	5,727	2,121	1,151	318,100
1984	6,038	2,236	1,244	339,190
1985	5,711	2,197	1,319	326,348
1986	5,057	2,023	1,325	297,446
1987	4,921	2,009	1,363	298,238
1988	5,313	2,261	1,504	332,084
1989	5,663	2,462	1,557	362,987
1990	5,445	2,420	1,388	358,224
1991	4,941	2,196	1,211	325,066

1/ Preliminary - not based on final estimates of the average value per acre.

Cash Rents For Entire Farms And Cropland, Maryland, March 1, 1985 - 1991

Item	1985	1986	1987	1988	1989	1990	1991
				Dollars Per Acre			
Farm	57.50	52.50	49.00	58.50	53.60	54.00	53.20
Cropland	63.60	54.50	50.80	50.50	55.10	49.30	53.30

Precipitation: Total And Departure From Normal By Region 1/, Maryland 1990

Year And Month	Allegheny Plateau	Appalachian Mountain	North Central	Upper Southern	Lower Southern	North Eastern Shore	Central Eastern Shore	South Eastern Shore	State Maryland	
									Weighted Average	Departure From Normal
1990	----------	----------	----------	----------	----------	Inches	----------	----------	----------	----------
January	4.00	3.72	4.23	4.33	4.56	4.42	3.99	3.44	4.10	+0.89
February	2.54	1.69	1.91	1.46	1.85	1.13	1.93	3.57	2.04	-0.87
March	1.30	1.26	2.45	3.01	3.30	3.27	3.63	3.44	2.29	-1.57
April	2.56	1.76	4.34	4.62	4.39	4.39	4.66	3.22	3.93	+0.49
May	6.20	5.98	6.59	6.00	7.31	7.29	5.46	6.49	6.43	+2.76
June	2.63	1.27	2.89	2.79	5.04	2.50	1.81	1.66	2.64	-1.17
July	10.11	5.39	4.39	4.94	4.42	6.05	4.18	3.59	4.91	+0.97
August	4.00	4.35	6.28	7.09	7.33	7.26	5.87	4.01	5.88	+1.35
September	4.79	3.22	1.76	1.20	1.35	1.51	2.40	2.15	2.11	-1.49
October	4.27	6.83	5.83	3.87	3.49	3.21	3.70	2.37	4.54	+1.33
November	1.65	1.08	2.51	2.03	1.50	1.36	1.09	2.92	1.98	-1.28
December	7.17	5.73	5.53	4.97	4.14	5.59	4.48	3.57	5.10	+1.64
Annual Total	51.22	42.28	48.71	46.31	48.68	47.98	43.20	40.43	45.95	---
Departure From Normal	+6.55	+3.83	+5.40	+3.99	+6.19	+5.34	-0.92	-3.34	+3.05	---

Footnotes are at the bottom of the next table.

Temperatures: Monthly Average And Departure From Normal By Region 1/, Maryland 1990

Year And Month	Allegheny Plateau	Appalachian Mountain	North Central	Upper Southern	Lower Southern	North Eastern Shore	Central Eastern Shore	South Eastern Shore	Maryland	
									Weighted Average	Departure From Normal
1990	----------	----------	----------	----------	----------	Degrees	----------	----------	----------	----------
January	35.1	37.4	40.7	41.2	43.1	41.3	42.8	43.4	40.9	+11.9
February	36.4	38.3	41.9	42.6	45.7	42.9	45.4	45.0	42.5	+8.0
March	41.0	44.2	47.2	47.9	50.1	47.1	49.0	48.7	47.3	+4.4
April	48.0	51.4	54.3	54.2	55.9	54.4	56.6	55.0	54.1	+0.5
May	55.0	58.2	61.5	61.8	62.3	62.0	63.9	62.6	61.3	-1.6
June	64.8	68.7	71.0	72.2	72.4	72.4	74.1	72.6	71.6	-0.6
July	68.4	72.0	76.0	77.3	76.5	77.1	78.9	78.2	76.0	+0.7
August	66.9	70.4	73.3	73.6	73.4	74.0	75.6	76.3	73.3	-0.8
September	60.9	63.3	66.1	66.9	66.1	66.9	69.0	68.0	66.2	-1.6
October	52.5	55.9	59.7	60.2	60.9	61.2	62.7	62.3	59.8	+3.4
November	43.6	46.6	48.8	48.6	50.4	49.3	51.0	50.8	48.9	+2.9
December	35.3	36.5	40.6	41.6	43.7	42.2	44.4	45.0	41.4	+5.1
Annual Average	50.7	53.6	56.8	57.3	58.4	57.6	59.5	59.0	57.0	---
Departure From Normal	+3.3	+1.2	+2.9	+2.0	+2.1	+2.2	+3.0	+2.4	+2.4	---

1/ Counties Within Regions:
Allegheny Plateau: Garrett.
Applachian Mountain: Allegany and Washington.
North Central: Frederick, Carroll, Baltimore, Harford, Cecil, Howard and Montgomery.
Upper Southern: Anne Arundel and Prince George's.
Lower Southern: Charles, Calvert and St. Mary's.
North Eastern Shore: Kent and Queen Anne's.
Central Eastern Shore: Caroline, Dorchester and Talbot.
South Eastern Shore: Wicomico, Somerset and Worcester.

Commercial Fertilizers
Consumption In Maryland 1/

	July 1, 1988 - June 30, 1989	July 1, 1989 - June 30, 1990
	---------- Nutrient Tons ----------	
Mixtures		
N	17,621	16,726
P205	20,913	24,579
K20	17,945	20,854
Total	56,479	62,158
Mixtures and Materials (Combined)		
N	48,847	44,206
P205	24,155	27,155
K20	32,269	35,831
Total	105,270	107,192

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.
2/ The sum of individual items may not equal totals due to rounding. Excludes liming materials.

Commercial Fertilizer, Direct Application Materials
Years Ended June 30, 1989 - 1990 1/

Descripition	Maryland		United States	
	1989	1990	1989	1990
Ammonia	---------- Tons ----------			
Anhydrous	4,437	2,059	4,623,953	4,634,471
Ammonium				
Nitrate	1,636	1,991	1,898,668	1,777,561
Sulfate	6,771	8,034	817,680	874,758
Nitrogen				
Solutions	68,149	42,282	7,056,966	7,786,466
Ammonium Thiofulfate	35	173	154,618	165,972
Urea	8,932	5,886	3,381,855	3,738,827
Superphosphates				
Under 22%	3	1	27,471	13,717
Over 22%	4,538	4,216	579,231	579,841
Other Phosphate	2,309	1,153	200,524	187,646
Potassium				
Chloride 60% and 62%	22,864	23,953	4,875,570	5,357,809
Sulfate 50% K20	248	146	102,234	136,174
Other	1,835	1,731	290,459	321,215

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

Aquaculture Production

The value of sales of aquacultural products grown in Maryland in 1991 will total nearly $6.8 million dollars. Substantial increases were recorded in the production of Hybrid Striped Bass (+341%) and Catfish (+78%). Aquaculture facilities produce a variety of finfish, shellfish aand other aquatic specialties. Sizable increases in production can be expected in every segment of the industry for the coming year. Sole ownership operations make up the majority (65%) of facilities, but 16% are partnerships and 19% are corporations. Wholesale outlets receive 37% of all products followed closely by direct sales (33%) and retailers (24%). Processors and government sales made up the remainder. Over 500 workers are employed statewide in the production of aquaculture products in Maryland.

Maryland
Aquaculture
Value of Production - 1991

	UNIT	PRODUCTION	AVE. VALUE PER UNIT	VALUE OF PRODUCTION
Hybrid Striped Bass	(lbs)	333,115	$3.73	$1,242,518.95
Catfish	(lbs)	161,820	$1.36	$220,075.20
Trout	(lbs)	1/	1/	1/
Tilapia	(lbs)	1/	1/	1/
Ornamental Fish	(ea)	1/	1/	1/
Crawfish	(lbs)	1/	1/	1/
Aquatic Plants		1/	1/	1/
Other Aquatics (inc. Perch,Sturgeon,etc.)		1/	1/	1/
Soft Crabs	(doz)	43,000	$10.00	$430,000.00
Soft Crabs 4/5/	(lbs)	1,416,002	$2.81	$3,979,509.00
Oysters	(bu)	1/	1/	1/
Total of All Aquacultural Products 2/				$6,795,279.55
Total of All Aquacultural Products 3/5/				$10,582,288.55

1/ In order to protect the confidentiality of data from individuals or firms, these data are included only in the aggregate totals.

2/ Includes only soft crab operations surveyed in the Maryland Department of Agriculture survey.

3/ Includes estimates for soft crabs and peelers form the Maryland State Department of Natural Resources. Counting of crabs as both peelers and soft crabs can exist in this number.

4/ Estimates by the Maryland Department of Natural Resources.

5/ Estimates of crabs are for 1990.

MARYLAND DEPARTMENT OF AGRICULTURE
Agricultural Statistics Service
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